

TENDER NOTICE

REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT SCMU5-AN26/27-0009

NAME OF COMPANY:

CSD Nr:

CRS Nr (CIDB):

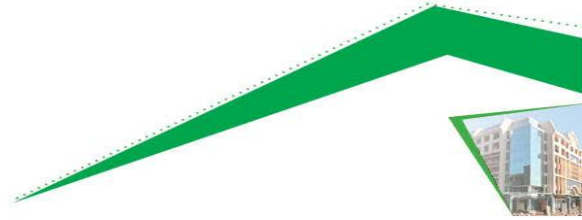
CLOSING DATE: 14 OCTOBER 2026

TIME: 11:00 am

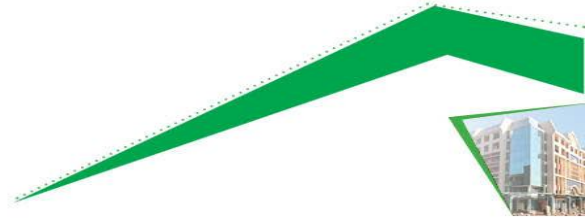
Department of Public Works and Infrastructure
Corner Nkosi Senyukele Jojo and Ngqubusini
Street Off Ntsizwa Street,
Mt Ayliff
4735



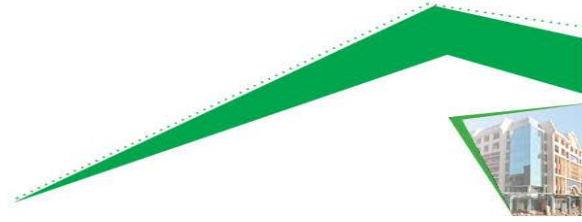
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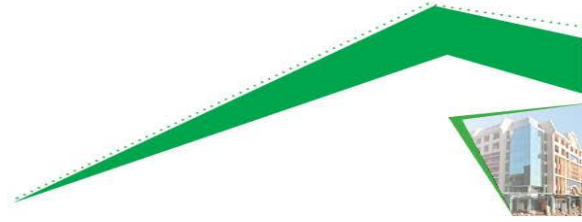


THE TENDER

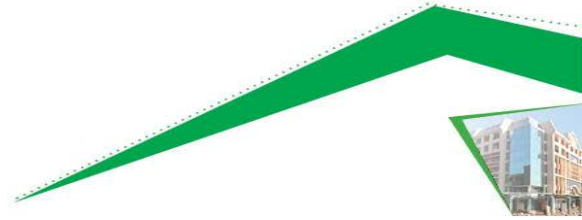


PART T1

TENDERING PROCEDURES



PART T1.1: TENDER NOTICE AND INVITATION TO TENDER



T1.1 Tender Notice and Invitation to Tender

The Eastern Cape Department of Public Works & Infrastructure invites Contractors with a CIDB Grading of **5GB, 4GB PE OR HIGHER** in the following Class of works **General Building (GB)** to tender for the **“REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT”** for a **Nine (9) months fixed construction period**. The contract will be based on the JBCC Edition 6.2 of 2018 and the Eastern Cape Public Works and Infrastructure will enter into a contract with the successful tenderer.

The contract will be based on the **JBCC 6th Edition** contract, where the Eastern Cape Department of Public Works and Infrastructure will enter into a contract with the successful Bidder.

Only tenderers who have suitable experience and suitably qualified personnel in providing similar services to those that are required are eligible to submit tenders.

Bid documents are downloadable free of charge from Department of Public Works and Infrastructure website (www.ecdpw.gov.za/tenders) or from National Treasury's tender portal (<http://www.etender.gov.za/content/advertised-tenders>). Bid documents will be available on **11 September 2026**. No bid documents will be available at departmental offices.

There will be **Compulsory briefings** on site on the **30 September 2026** as follows:

Queens Mercy Clinic From 10:00 AM – 11:00 AM

Magadla Clinic From 12:30am – 13:30pm

Maluti CHC From 14:00 pm – 15:00 pm

Queries relating to the issue of these documents may be addressed in writing through email to: **Namhla Mpiti** email Namhla.mpiti@ecdpw.gov.za **Technical enquiries: Ms. N. Macingwane** email: Nwabisa.m@kufanikiwa.co.za alternatively **Mr. X. Ntswayi** – email: Xhanti.ntswayi@ecdpw.gov.za in writing.

The closing time for receipt of tenders by the ECDPWI is **11:00am** on **14 OCTOBER 2026**. Tenders will be opened in public.

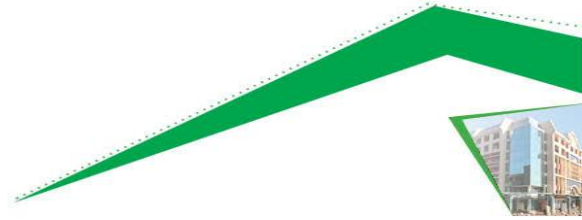
It is the responsibility of the tenderer/s to ensure that bid documents /proposals are submitted on or before closing time and the correct location as the department will not take responsibility of wrong delivery. Tenderers using courier services for delivery of their bid documents must ensure the delivery is at the correct place / location and time as the department will not be held responsible for wrong delivery. Not delivered to Departmental officials. The Department will not accept responsibility if bids received by officials are not timely deposited in the Bid Box.

Tenders may only be submitted on the tender documentation that is issued. Tenderers must be registered on the National Treasury Central Supplier Data Base and proof of registration must be submitted with the proposal (<https://secure.csd.gov.za>).

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

B. TENDER SUBMISSIONS:

Bids must be submitted in sealed envelopes clearly marked **“SCMU5-AN26/27-0009”**: **“REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT”** must be deposited in the bid box, **DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE, CORNER NKOSI SENYUKELE JOJO AND NGQUBUSINI STREET OFF NTSIZWA STREET, MT AYLIFF 4735** not later than **11H00 am**.



C. BID EVALUATION:

This bid will be evaluated in Three (3) phases as follows:

Phase One: Compliance, responsiveness to the bid rules and conditions, thereafter

Phase Two: Functionality - the minimum threshold to be further evaluated is 70 on the requirements

Phase Three: Bidders passing the above phases will thereafter be evaluated on PPPFA of 2022 and its regulations.

PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT (PPPFA) POINTS WILL BE AWARDED AS FOLLOWS:

Maximum points on price	-	80 points
Maximum points for specific goals	-	20 points
Maximum points	-	100 points

Please note:

1. Bidders need to complete and sign SBD 6.1 to claim points for specific goals. Failure will lead in non-awarding of points for specific goals
2. The Department intends to award this to the highest point scorer as whole, unless circumstances justifies otherwise
3. When evaluating bids/quotations of joint ventures/consortia, preference points must be allocated proportionately for such bidders in terms of their attributes or qualification for the relevant specific goal that is being scored, subject to the joint venture/consortium submitting the relevant proof of substantiation of points claimed as stipulated in the bidding documents. The points scored for the specific goals must then be added to the points scored for price and rounded off to the nearest two decimal points." A JV/consortia agreement must be submitted with the bid to substantiate the calculations. Failure will also lead in non-awarding of points for specific goals.
4. All information will be verified through CSD (where applicable)
5. A Cipro certificate (CK) and certified ID copy/s must be attached as proof of ownership to claim points for specific goals
6. SBD 6.1 is attached

D. BID SPECIFICATIONS, CONDITIONS AND RULES

The minimum specifications, other bid conditions and rules are detailed in the bid document under Tender Data

The specifications, rules, special conditions of bid, evaluation criteria, and other bid conditions are detailed in the document.

The Department of Public Works and Infrastructure SCM policy applies.

Tender validity period is **120 days**.

E. ENQUIRIES WITH REGARD TO THIS ADVERT MAY BE DIRECTED TO:

SCM RELATED ENQUIRIES

Ms. N. Mpiti

Tell No: 039 254 6722 / 0823040403

Email: Namhla,mpiti@ecdpcw.gov.za

TECHNICAL ENQUIRIES

1. Ms. N. Macingwane

Tel: 064 110 3343 / 078 581 7056

Email: Nwabisa.m@kufanikiwa.co.za

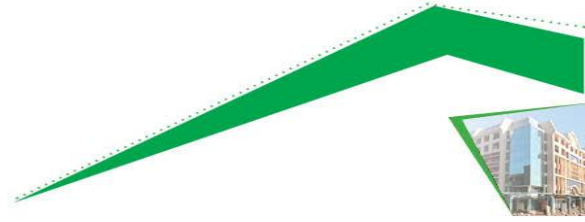
ALTERNATIVELY

2. Mr. X Ntswayi

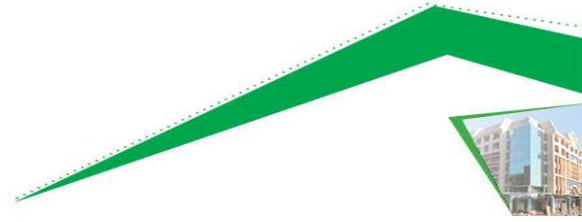
Tel: 0039 254 6758 / 083 679 8154

Email: Xhanti.ntswayi@ecdpcw.gov.za

FOR COMPLAINTS, FRAUD, & TENDER ABUSE: Call: 0800 701 701



PART T1.2: TENDER DATA



T1.2 Tender Data

The conditions of tender are the latest edition of SANS 10845-3, Standard conditions of tender.

SANS 10845-3 makes several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the provisions of SANS 10845-3 and as contained in Annexure C of Standard for Uniformity in Construction Procurement (Board Notice 423 of 2009 Government Gazette No 42622 of August 2019).

Each item of data given below is cross-referenced to the clause in SANS 10845-3 to which it mainly applies.



Clause number	Tender Data
3.1	The Employer is Public Works and Infrastructure
3.2	The tender documents issued by the employer comprise the following documents: THE TENDER Part T1: Tendering procedures T1.1 - Tender notice and invitation to tender T1.2 - Tender data Part T2: Returnable documents T2.1 - List of returnable documents T2.2 - Returnable schedules THE CONTRACT Part C1: Agreements and Contract data C1.1 - Form of offer and acceptance C1.2 - Contract data C1.3 - Dispute Resolution Mechanism Part C2: Pricing data C2.1 - Pricing Instructions C2.2 - Bills of Quantities Part C3: Scope of work C3 - Scope of work Part C4: Site information C4 - Site information
3.3	The tender documents issued by the employer comprise the documents listed on the contents page
3.4	The employer's agent is: Name: Ms. N. Mpiti, Department of Public Works and Infrastructure Cnr Nkosi Senyukele & Ngqubusini Street Tel No: 082 304 0403 Email Address: Namhla.mpiti@ecdpw.gov.za
3.5	The language for communications is English
3.6	The competitive negotiation procedure shall be applied.
3.7	Method 3: Two (3) stage procurement procedure shall be applied.
4	Tender's obligations
4.1	The following tenderers who are registered with the CIDB, or are capable of being so registered prior to the evaluation of submissions, are eligible to have their tenders evaluated: a) contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered, or a value determined in accordance with Regulation 25 (1B) of 25(7A) of the Construction Industry Development Regulations, for a CIDB Grade 5GB, 4GB PE OR HIGHER class of construction work; and Joint ventures are eligible to submit tenders provided that: - every member of the joint venture is registered with the CIDB; in GB class of works. - the lead partner has a contractor grading designation in the CIDB Grade 5GB, 4GB PE OR HIGHER class of construction work; and - the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a CIDB Grade 5GB, 4GB PE OR HIGHER class of construction work or a value determined in accordance with Regulation 25 (1B) of 25(7A) of the Construction Industry Development Regulations. 4. Joint Venture Agreement.



4.2	The employer will compensate the tender as follows as per the conditions of the Form of Contract signed. The employer will not compensate the tenderer for any costs incurred in attending interviews or making any submissions in the office of the employer.
4.3	It is the responsibility of the tenderer to check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.
4.4	Confidentiality and copyright of documents Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.
4.5	Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are incorporated into the tender documents by reference.
4.6	Acknowledge receipt of addenda to the tender documents, which the employer may issue, and, if necessary, apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.
4.7	The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender. Tenderers must sign the attendance list in the name of the tendering entity. Addenda will be issued to only those tendering entities appearing on the attendance list. Tender documents will not be made available at the clarification meeting
4.8	Seek clarification Request clarification of the tender documents, if necessary, by notifying the employer at least 5 (Five) working days before the closing time stated in the tender data.
4.9	Tenderers are required to state the rates and currencies in Rands. Include in the rates, prices, and the tendered total of the prices (if any), all duties, taxes which the law requires to be paid [except value added tax (VAT)], and other levies payable by the successful tenderer, that are applicable 14 days before the closing time stated in the tender data. Show the VAT payable by the employer separately as an addition to the tendered total of the prices. Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data. State the rates and prices in monetary value of the contract unless otherwise instructed in the tender data.
4.10	Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer or to correct errors made by the tenderer and ensure that all signatories to the tender offer initial all such alterations. Do not make erasures using masking fluid.
4.11	Main tender offers are not required to be submitted together with alternative tenders.
4.12	No alternative tender offers will be considered
4.13.1	Parts of each tender offer communicated on paper shall be submitted as an original. Submit a) the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with a translation of any documentation in a language other than the language of communication established in 3.5, and b) the parts communicated electronically by the employer of its agents on paper format with the tender.
4.13.2	Sign the original and all copies of the tender offer where required in terms of the tender data. State in the case of a joint venture which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer. NOTE The employer holds all authorized signatories liable on behalf of the tenderer.



4.13.3	A tender security in the amount of N/A is required and shall remain valid for a period not exceeding N/A days after the closing date for tender offers. The form of the tender security shall not differ substantially from the sample provided in Annex D of SANS 10845-3.
4.13.4	The employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are: Location of tender box: Department of Public Works & Infrastructure Physical address: Cnr Nkosi Senyukele & Ngqubusini street, Mount Ayliff Identification details: SCMU5-AN26/27-0009: "REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT" Closing date and time: 14 October 2026 at 11:00AM
4.13.5	The tenderer is required to submit with his tender the following certificates: 1) a copy of the CSD report showing, amongst other things, that tax matters of the service provider are in order the South African Revenue Services. In the case of a Joint Venture/Consortium/Sub-contractors each party must submit a separate CSD report showing, amongst other things, that tax matters of the service provider are in order the South African Revenue Services. 2) CIDB Grading certificate or CRS number.
4.13.6	A two-envelope procedure will not be required.
4.13.7	Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted. The tenderer accepts that the employer does not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
4.14	The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender. Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Proof of posting shall not be accepted as proof of delivery. Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of the standard conditions of tender in this part of SANS 10845 apply equally to the extended deadline.
4.15.1	The tender offer validity period is 120 days . Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data. If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period, with or without any conditions attached to such extension. Extend the period of the tender security, if any, to cover any agreed extension requested by the employer.
4.15.2	Placing of contractors under restrictions / withdrawal of tenders If any tenderer who has submitted a tender offer or a contractor who has concluded a contract has, as relevant: withdrawn such tender or quotation after the advertised closing date and time for the receipt of submissions; after having been notified of the acceptance of his tender, failed or refused to commence the contract; had their contract terminated for reasons within their control without reasonable cause; offered, promised or given a bribe in relation to the obtaining or the execution of such contract; acted in a fraudulent, collusive or anti-competitive or improper manner or in bad faith towards the Provincial Government; or, made any incorrect statement in any affidavit or declaration with regard to a preference claimed and is unable to prove to the satisfaction of the Provincial Government that the statement was made in good faith or reasonable steps were taken to confirm the correctness of the statements, such tenderer/s may be placed under restriction from tendering with the state. Procedures are outlined in the EC SCM Policy for Infrastructure procurement and Delivery Management and also on CIDB Inform Practice Note #30. Excerpts of the policy can be availed on request of any interested tenderer.
4.16	Access shall be provided for the following inspections, tests and analysis: N/A



4.17	The preferred tenderer will be required to submit an approved insurer undertaking to provide the Performance Bond / Guarantee / Surety / Security to the format and/or standard as per DPW policy												
5	Employer’s undertakings												
5.1	The Employer will respond to requests for clarification received up to Five (5) working days before the tender closing time. If, as a result of the issuing of addenda, it is necessary to extend the closing time stated in the tender data, grant such extension and notify all respondents accordingly.												
5.2	The employer shall issue addenda until Five (5) working days before tender closing time.												
5.3	Tenders will be opened immediately after the closing time at 11:00am hours.												
5.4	Do not disclose to tenderers, or to any person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.												
5.5	Determine, after opening and before detailed evaluation, whether each tender offer that was properly received a) complies with the requirements of the standard conditions of tender in this part of SANS 10845, b) has been properly and fully completed and signed, and c) is responsive to the other requirements of the tender documents. A responsive tender is one that conforms to all the terms, conditions, and scope of work of the tender documents, without material deviation or qualification. A material deviation or qualification is one which, in the employer's opinion, would d) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the scope of work, e) significantly change the employer's or the tenderer's risks and responsibilities under the contract, or f) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified. Reject a non-responsive tender offer, and do not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.												
5.6	Arithmetical errors, omission and discrepancies Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern. For Vat related discrepancies, National and Provincial Treasury prescripts in relation to VAT procedures apply.												
5.7.1	The financial offer will be reduced to a comparative basis using the Tender Assessment Schedule. Table F.1: Formulae for calculating the value of A <table><tr><th>Formula</th><th>Comparison aimed at achieving</th><th>Option 1^a</th><th>Option 2^a</th></tr><tr><td>1</td><td>Highest price or discount</td><td>$A = \left(1 + \frac{(P - P_m)}{P_m}\right)$</td><td>$A = P / P_m$</td></tr><tr><td>2</td><td>Lowest price or percentage commission / fee</td><td>$A = \left(1 - \frac{(P - P_m)}{P_m}\right)$</td><td>$A = P_m / P$</td></tr></table> ^a P_m is the comparative offer of the most favourable comparative offer. P is the comparative offer of the tender offer under consideration.	Formula	Comparison aimed at achieving	Option 1 ^a	Option 2 ^a	1	Highest price or discount	$A = \left(1 + \frac{(P - P_m)}{P_m}\right)$	$A = P / P_m$	2	Lowest price or percentage commission / fee	$A = \left(1 - \frac{(P - P_m)}{P_m}\right)$	$A = P_m / P$
Formula	Comparison aimed at achieving	Option 1 ^a	Option 2 ^a										
1	Highest price or discount	$A = \left(1 + \frac{(P - P_m)}{P_m}\right)$	$A = P / P_m$										
2	Lowest price or percentage commission / fee	$A = \left(1 - \frac{(P - P_m)}{P_m}\right)$	$A = P_m / P$										
	The procedure for the evaluation of responsive tenders is Method 3: Administrative, Functionality, Price and Preference Phase 1: Compliance, responsiveness to the bid rules and conditions, thereafter												



5.7.2	Phase 2: Bidders passing phase one above will thereafter be evaluated on functionality Phase 3: Bidders passing the above phases will thereafter be evaluated on PPPFA of 2022 and its regulations.
	PHASE ONE: RESPONSIVENESS TO THE BID REQUIREMENTS AND RULES a) Bidders' proposals must meet the following minimum requirements and supporting documents must be submitted with the completed bid document in a sealed envelope in the bid box at the closing date and time. Failure to comply will automatically eliminate the bid for further consideration: b) Bid Document (This Document must be submitted in its original format) c) Bids which are late, incomplete, unsigned or submitted by facsimile or electronically, will not be accepted. d) Bidder must be registered with CIDB in the correct grading and class of works as per the tender notice and requirements. And must the status on CIDB be active during award stage. It is the responsibility of the bidder to keep the status on CIDB active throughout bidding process (advert till award stage).
	e) Bidders must be a legal entity or partnership or consortia. f) Form of offer and Acceptance (fully completed and signed). The amount reflected on the Form of Offer and Acceptance takes precedence over any other total amount indicated elsewhere in tenderer's tender submission. If the Form of Offer and Acceptance has no value or figure, the tenderer will be regarded as having made no offer. If the Bid Sum (amount in words) differ from the Bid Sum (amount in figures), the Bid Sum (amount in words) will govern. g) SBD4 must be duly completed and signed. Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract, such interest must be disclosed on question 2.4.1. h) Compulsory Enterprise Questionnaire (Completed and signed) (JV partners must complete separate Questionnaire forms and submit). i) If the offer is "Vat Inclusive", the VAT registration number of service provider must be indicated and if a service provider is not a VAT Vendor but include VAT in its prices, the successful service provider will be given 21 days to register as a VAT Vendor with SARS, after the issuing of an appointment letter. If a bidder is a VAT vendor/registered, the bidder is required to explicitly state the VAT amount. VAT vendors must include VAT at 15% in the bid offer(s). j) Resolution to Sign (if applicable) k) This tender will be awarded as a whole. All trades listed in the Bills of Quantities or Pricing schedule must be priced for (except provisional sums and allowances), failure to do so will result increase commercial risk of the bid and may lead to elimination or passing over of the bidder. l) Only one offer per bidder is allowed and alternative offers will not be considered. If more than one offer is received, none of the offers will be considered. m) Failure to attend the pre-tender briefing meeting will result in elimination of the bid Other Conditions of bid (Non eliminating unless expressly mentioned in the document): a) DPWI Policy applies. b) Returnable Schedule: SBD1-Invitation to bid must be completed and signed c) The bidder must be registered on the Central Supplier Database (CSD) prior the award d) All bidders' tax matters must be in order prior award. Bidders' tax matters will be verified through CSD. e) Declaration of Employees of the State or other State Institutions. f) Bidders must submit a minimum of three (3) written contactable references for projects successfully completed in the past (clearly indicating client name, contract value, contract term, contact person, contact details). Refer to Annexure I. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points.



- g) Bidders must submit a list of projects where he or she has submitted tender offers but tender results have not been confirmed by the client. Refer to Annexure L. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points.
- h) Bidders must submit their company profiles, list of available resources, plant and machinery and any other additional capacity with the bid. Refer to Annexure K and H. This is not an elimination factor, but important for the department to make a decision. Unless it is used for Quality/functionality Points.
- i) The bidder must also list all projects where there are pending litigations or litigations have been concluded. The form for this is also attached after Annexure J.
- j) The Department will contract with the successful bidder by signing a formal contract.
- k) Wherever a brand name is specified in this document (i.e. specifications, pricing schedule, bill of quantities or anywhere), the department requires an item similar/equivalent or better.
- m) Protection of personal information: Consent (POPIA)

The successful tenderer (after being informed) will be required to bring along an unsigned copy of the form of contract to be signed by parties (e.g. NEC3 Term Service Contract (April 2013))

PHASE TWO: EVALUATION ON FUNCTIONALITY

The evaluation criteria and maximum score in respect of each of the criteria are given hereunder.

A Tender scoring an average score below 70 points in Functionality points will be considered as **DISQUALIFIED** for evaluation and will be discarded from any further evaluation.

Quality criteria	Evaluation schedule	Maximum number of points
Expertise of key personnel	Schedule 1	35
Relevant project experience	Schedule 2	40
Project reference	Schedule 3	25
Maximum possible score for functionality (Ms)		100

Functionality shall be scored by not less than three evaluators in accordance with the above-mentioned schedules:

ID EVALUATION CRITERIA	SCALE /SCORE (A)	WEIGHT (B)	TOTAL (MAX) POINTS
------------------------	------------------	------------	--------------------



			(C)	
EXPERTISE OF KEY PERSONNEL (QUALIFICATIONS & LETTER CONFIRMING EMPLOYMENT)- 35 POINTS. Breakdown of Points: (a) National Diploma in Buildings or (b) National Diploma in Civil Engineering Attach a certified copy of a National Diploma in Buildings or National Diploma in Civil Engineering experience with a minimum of 7 years' experience. Attach a certified copy of a National Diploma in Buildings or National Diploma in Civil Engineering experience with a minimum of 5 years' experience. Attach a certified copy of a National Diploma in Buildings or National Diploma in Civil Engineering experience with a minimum of 2 years' experience. None or partial submission of any above or incompatibility with the above categories.	5	7	35	
	4	7	28	
	3	7	21	
	0	7	0	
RELEVANT PROJECT EXPERIENCE - PROOF OF MAINTENANCE EXPERIENCE RELATED TO THE SCOPE OF WORK (LETTER OF AWARD & COMPLETION CERTIFICATE) 40 POINTS. Breakdown of Points: Contractor must have been responsible for maintenance work or renovations for at least 7 years or more. Attach an Appointment letter & completion certificate for 3 projects or more Contractor must have been responsible for maintenance or renovations for at least 5 years or	5	8	40	
	4	8	32	



more. Attach an Appointment letter & completion certificate for 3 projects or more
Contractor must have been responsible for maintenance or renovations for at least 2 years or more. Attach an Appointment letter & written completion certificate for 3 projects or more

Contractor that has not done any maintenance or renovations or did not submit any Appointment letter & written
3 letters of completion for 3 projects or more

1

8

8

0

8

0

PROJECT REFERENCES– PROOF OF PAST PERFORMANCE (Attach the project references from Previous project managers, stamped, signed by Project Manager and submit with this bid)-25 POINTS
Breakdown of Points:

Bidder scoring/rated maximum points in all categories in the past 3 projects of similar nature or size.

5

5

25

Bidder scoring/ rated high points in some areas in all categories in the past 2 projects of similar nature or size.

4

5

20

Bidder scoring/ rated relatively high points in some areas in all categories in the past 1 project of similar nature or size.

3

5

15

Bidder scoring/ rated relatively rated average or poor points in some areas or all areas in all categories in the past projects of similar nature or size.

0

5

0

The minimum number of evaluation points for quality is 70.

Total (Max) Points (C) is calculated by multiplying the Scale/Score (A) by the Weight (B): $A \times B = C$.

Score (Points)	Prompt for judgement
0-29	Failed to address the questions / issues.
30-49	A detrimental response / answer / solution – limited or poor evidence of skill / experience sought or high risk that relevant skills will not be available.
50-59	Less than acceptable – response / answer / solution lacks convincing evidence of skill / experience sought or medium risk that relevant skills will not be available.



	<table> <tr> <td>70-79</td><td>Acceptable response – answer / solution to the particular aspect of the requirements and evidence given of skill / experience sought are convincing.</td></tr> <tr> <td>80-89</td><td>Above acceptable – response / answer / solution demonstrating real understanding of requirements and evidence of ability to meet it.</td></tr> <tr> <td>90-100</td><td>Excellent – response / answer / solution gives real confidence that the bidder will add real value.</td></tr> </table> The scores of each of the evaluators will be averaged, weighted and then totalled to obtain the final score for quality.	70-79	Acceptable response – answer / solution to the particular aspect of the requirements and evidence given of skill / experience sought are convincing.	80-89	Above acceptable – response / answer / solution demonstrating real understanding of requirements and evidence of ability to meet it.	90-100	Excellent – response / answer / solution gives real confidence that the bidder will add real value.		
70-79	Acceptable response – answer / solution to the particular aspect of the requirements and evidence given of skill / experience sought are convincing.								
80-89	Above acceptable – response / answer / solution demonstrating real understanding of requirements and evidence of ability to meet it.								
90-100	Excellent – response / answer / solution gives real confidence that the bidder will add real value.								
	PHASE THREE: EVALUATION POINTS ON PPPFA OF 2022 AND ITS REGULATIONS The 80/20 preference point system shall be applied for the purposes of this bid as per the requirements of the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000) and Preferential Procurement Regulations 2022 (Price and Specific Goals). <table> <tr> <th>Criteria</th><th>Points</th></tr> <tr> <td>POINTS ON PRICE</td><td>80</td></tr> <tr> <td>SPECIFIC GOALS</td><td>20</td></tr> <tr> <td>TOTAL</td><td>100</td></tr> </table> The 80/20 preference point system for acquisition of services, works or goods not exceeding Rand value of R50 million: (a) The following formula must be used to calculate the points for price in respect of tenders (including price quotation) with a Rand value equal to, or above R 30 000 and up to Rand value of R 50 000 000 (all applicable taxes included): The financial offer will be scored using the following formula: $A = (1 - (P - P_m) / P_m)$ The value of value of W1 is: 1) 90 where the financial value inclusive of VAT of all responsive tenders received have a value in excess of R50 000 000 or 2) 80 where the financial value inclusive of VAT of one or more responsive tender offers have a value that equals or is less than R 50 000 000.	Criteria	Points	POINTS ON PRICE	80	SPECIFIC GOALS	20	TOTAL	100
Criteria	Points								
POINTS ON PRICE	80								
SPECIFIC GOALS	20								
TOTAL	100								
5.7.3	The procedure for the evaluation of responsive tenders is Method 3 (Administrative, functionality, price and preference)								
5.7.4	The quality criteria and maximum score in respect of each of the criteria are as follows: N/A								
5.7.5	Each evaluation criteria will be assessed in terms of five indicators – N/A								
5.7.6	The prompts for judgment and the associated scores used in the evaluation of quality shall be as follows: N/A								
5.8	Tender offers will only be accepted if: The tenderer is registered on the Central Supplier Database (CSD) for the South African government (see https://secure.csd.gov.za/) unless it is a foreign supplier with no local registered entity The tenderer is in good standing with SARS according to the Central Supplier Database. Bidders must submit a CSD no. or tax status compliance pin.								



	The preferred tenderer will be required to submit an approved insurer undertaking to provide the Performance Bond / Guarantee / Surety / Security to the format and/or standard as per DPW policy. The tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation; The tenderer or any of its directors/shareholders is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector. the tenderer has not: i) abused the Employer's Supply Chain Management System; or ii) failed to perform on any previous contract and has been given a written notice to this effect. The tenderer has completed the Compulsory Declaration and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process.
	The tenderer has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process and persons in the employ of the state are permitted to submit tenders or participate in the contract; Bids which are late, incomplete, unsigned or submitted by facsimile or electronically will not be accepted. The tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer; The tenderer undertakes to maximize the sourcing of building material or infrastructure input material from Eastern Cape based suppliers or manufacturers. The employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2014, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely. The tender has offered a market related offer. If the offer is believed not to be market related, The department through its Supply Chain Management bid committees will attempt to negotiate The offer with identified bidder/s to a reasonable amount. Bidders are not allowed to increase their tender offers during this process. A Resolution of signatory form has been completed and signed by director/s or a letter bearing a letterhead of the tenderer has been attached (specific to this bid) to the bid submission; it must be duly signed by all directors and submitted the bid. Only a duly authorized official can sign the bid. Prospective bidders must register on CSD prior submitting bids (open tenders). Any prospective bidder found to have Tax matters not in order with SARS (verified through CSD) during the evaluation process (after being given an opportunity to rectify tax matters) will be eliminated and not be considered further in the process. Preferred bidder/s will be afforded an opportunity to rectify their tax affairs within 7 days. A bidder that fails to rectify its tax matters with SARS will be eliminated. NOTE: The amount reflected on the Form of Offer and Acceptance takes precedence over any other total amount indicated elsewhere in bidder's tender submission. If the Form of Offer and Acceptance has no value or figure, the bidder will be regarded as having made no offer. The department reserves the right not to award the bid to the most favourable tenderer, if any of the situations occur: if it is not assisting in the advancement of designated groups; risk profile of the favourable firm is too high; the bidder has been awarded a considerable number of projects by the department or provincial government; has performed unsatisfactorily in the past, etc.
5.9	The number of paper copies of the signed contract to be provided by the employer is 1.
	The additional conditions of tender are: Wherever a brand name is specified in this document (i.e., specifications, pricing schedule, bill of quantities or anywhere), the department requires an item similar/equivalent or better.
T.2.1	List of returnable documents



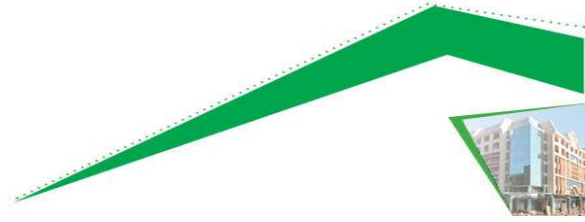
1	Documentation to demonstrate eligibility to have tenders evaluated i.e. List all documentation to demonstrate eligibility to have a submission evaluated. Appropriate CIDB grading suitable for the works (as stated in 4.1).
2	Returnable Schedules required for tender evaluation purposes The tenderer must fully and appropriately complete and sign the following returnable schedules as relevant: Record of Addenda to Tender Documents Proposed amendments and qualifications Compulsory Enterprise Questionnaire (In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted). SBD 1, 4, and 6.1. Protection of personal content: Consent Form of Offer and Acceptance Complete priced Bills of Quantities, including Final Summary Certificate of Authority for Joint Ventures
3	Other documents required for tender evaluation purposes The tenderer must provide the following returnable documents: A CSD Report for a contractor with valid and correct information. A letter of good standing from the Compensation Fund or a licensed insurer as contemplated in the Compensation for Occupational Injuries and Diseases Act 1993 (Act No. 130 of 1993)
4	Returnable Schedules that will be used for tender evaluation purposes and be incorporated into the contract The tenderer must complete the following returnable documents: A duly completed form of Offer and Acceptance (and any revision of prices if there are any).
5	Only authorized signatories may sign the original and all copies of the tender offer where required. In the case of a ONE-PERSON CONCERN submitting a tender, this shall be clearly stated. In the case of a COMPANY submitting a tender, include a copy of a resolution by its board of directors authorizing a director or other official of the company to sign the documents on behalf of the company. In the case of a CLOSE CORPORATION submitting a tender, include a copy of a resolution by its members authorizing a member or other official of the corporation to sign the documents on each member's behalf. In the case of a PARTNERSHIP submitting a tender, all the partners shall sign the documents, unless one partner or a group of partners has been authorized to sign on behalf of each partner, in which case proof of such authorization shall be included in the Tender. In the case of a JOINT VENTURE/CONSORTIUM submitting a tender, include a resolution of each company of the joint venture together with a resolution by its members authorizing a member of the joint venture to sign the documents on behalf of the joint venture. Accept that failure to submit proof of authorization to sign the tender shall result in the tender offer being regarded as non-responsive.
6	Information and data to be completed in all respects Accept that tender offers, which do not provide all the data or information requested completely and, in the form, required, may be regarded by the employer as nonresponsive.
7	Canvassing and obtaining of additional information by tenderers The Tenderer shall not make any attempt either directly or indirectly to canvass any of the Employer's officials or the Employer's agent in respect of his tender, after the opening of the tenders but prior to the Employer arriving at a decision thereon. The Tenderer shall not make any attempt to obtain particulars of any relevant information, other than that disclosed at the opening of tenders.
8	Prohibitions on awards to persons in service of the state The Employer is prohibited to award a tender to a person -



	a) who is in the service of the state; or if that person is not a natural person, of which any director, manager, principal shareholder or stakeholder is a person in the service of the state; or a person who is an advisor or consultant contracted with the Department or municipal entity. In the service of the state means to be - a) a member of:- any municipal council; any provincial legislature; or the National Assembly or the National Council of Provinces; a member of the board of directors of any municipal entity; an official of any Department or municipal entity; an employee of any national or provincial department; provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act No.1 of 1999); a member of the accounting authority of any national or provincial public entity; or an employee of Parliament or a provincial legislature. In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.
9	Awards to close family members of persons in the service of the state Accept that the notes to the Employer's annual financial statements must disclose particulars of any award of more than R2000 to a person who is a spouse, child, or parent of a person in the service of the state (defined in clause 8 above), or has been in the service of the state in the previous twelve months, including - the name of that person; The capacity in which that person is in the service of the state; and The amount of the award. In order to give effect to the above, the questionnaire for the declaration of interests in the tender of persons in service of state in part T2 of this procurement document must be completed.
10	Respond to requests from the tenderer The employer will respond to requests for clarification up to 5 (five) working days before the tender closing time.
11	Opening of tender submissions Tenders will be opened immediately after the closing time for tenders
12	Scoring quality / functionality: Yes
13	Cancellation and re-invitation of tenders An organ of state may, prior to the award of the tender, cancel the tender if- Due to changed circumstances, there is no longer a need for the services, works or goods requested; or Funds are no longer available to cover the total envisaged expenditure; or No acceptable tenders are received. Tender validity period has expired. Gross irregularities in the tender processes and/or tender documents. No market related offer received (after attempts of negotiation processes) Where applicable, the decision to cancel the tender will be published in the CIDB website and in the Tender Bulletin or the media in which the original tender invitation as advertised.
14	Dispute resolution mechanism will be done through the Adjudication route.

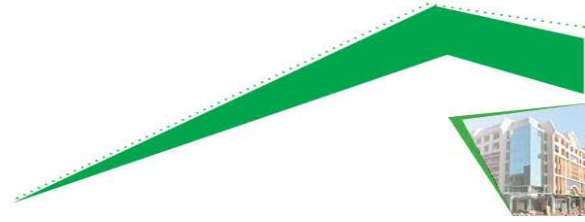


15	The department must when be acting against the tenderer or person awarded the contract on a fraudulent basis, considers the provisions of Regulation 14: The remedies provided for in Preferential Procurement Regulations 2022 do not prevent an institution from instituting remedies arising from any other prescripts or contract.
16	Where the employer terminates the contract due to default of the contractor in whole or in part, the employer may decide to: a) Refer the breach in contract to the CIDB for investigation as a breach of the CIDB Code of Conduct in terms of the CIDB Regulations; or b) may impose a restriction penalty on the contractor in terms of Section 14 of the Preferential Procurement Regulations. The outcomes of such investigations in terms of both the CIDB Regulations and the Preferential Procurement Regulations may prohibit the contractor from doing business with the public sector for a period not exceeding 10 years.

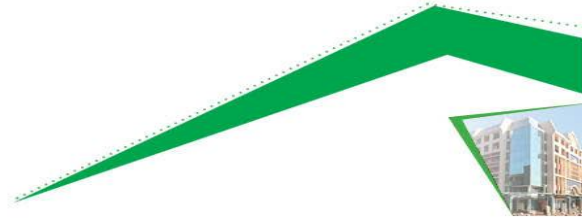


PART T2

RETURNABLE DOCUMENTS



PART T2.1: LIST OF RETURNABLE DOCUMENTS



T2.1 List of Returnable Documents

The tenderer must complete the following returnable documents:

1 Returnable Schedules required for bid evaluation purposes

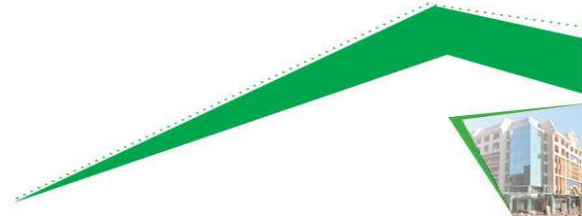
- Compulsory enterprise questionnaire (In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted).
- Record of addenda issued (Only if addenda is issued)
- Certificate of authority for joint ventures (Only where the tender/ quotation is submitted by a joint venture)

2 Other documents required for bid evaluation purposes

- Form of Offer and Acceptance
- Complete Priced Bills of Quantities & Final Summary

3 Returnable Schedules that will be incorporated into the contract

- Details of the Project Team and CV with Qualifications & Proof of Registration completed for each individual of proposed
- Schedule of Plant and Equipment
- Record of projects: current, past and on tender.
- Project References – at least 3
- SBD 1, 4, 6.1, and Declaration for Local Production and Local Content
- Protection of personal content: Consent

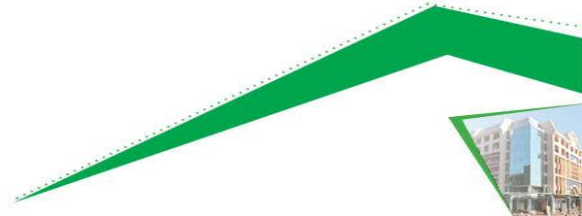


SBD 1

PART A

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE					
BID NUMBER:	SCMU5-AN26/27-0009	CLOSING DATE:	14 OCTOBER 2026	CLOSING TIME:	11:00 am
DESCRIPTION	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE, CORNER NKOSI SENYUKELE JOJO AND NGQUBUSINI STREET OFF NTSIZWA STREET, BLOCK A "TENDERS", MT AYLIF.					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Ms. N. Mpiti		CONTACT PERSON	Ms. N. Macingwane	
TELEPHONE NUMBER	039 254 6722 / 082 304 0403		TELEPHONE NUMBER	064 110 3343 / 078 581 7056	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	Namhla.mpiti@ecdpcw.gov.za		E-MAIL ADDRESS	Nwabisa.m@kufanikiwa.co.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES OFFERED?	☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				☐ YES ☐ NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				☐ YES ☐ NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				☐ YES ☐ NO	
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?				☐ YES ☐ NO	
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?				☐ YES ☐ NO	
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.					



3. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**

4. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF THE BIDDER:

.....

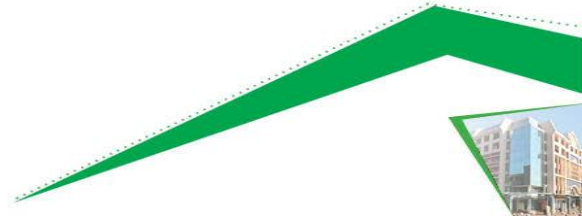
CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

(Proof of authority must be submitted e.g. company resolution)

DATE:

.....



Compulsory Enterprise Questionnaire

A

Compulsory Enterprise questionnaire

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.		
Section 1: Name of enterprise:		
Section 2: VAT registration number, if any:		
Section 3: CIDB registration number, if any:		
Section 4: Particulars of sole proprietors and partners in partnerships		
Name*	Identity number*	Personal income tax number*
* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners		
Section 5: Particulars of companies and close corporations		
Company registration number		
Close corporation number		
Tax reference number		
Section 6: The attached SBD 4 must be completed for each tender and be attached as a tender requirement.		
Section 7: The attached SBD 6.1 must be completed for each tender and be attached as a requirement.		
The undersigned, who warrants that he / she is duly authorized to do so on behalf of the enterprise:		
i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;		
ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004; iii) confirms that no partner, member, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;		
iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and		
iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.		

Signed

Date

Name

Position



BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

- 1.1 Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa, 1996 (Constitution), and further expressed in the various applicable legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.
- 1.2 If a person is listed in the Register for Tender Defaulters and/or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. DECLARATION ON EMPLOYMENT BY ORGAN OF STATE

- 2.1 Is the bidder, or any of the directors / trustees / shareholders / members / partners of the bidder employed by an organ of state, as defined in section 239 of the Constitution?
YES/NO
- 2.2 If YES, furnish particulars of the names, individual identity numbers, in the table below:

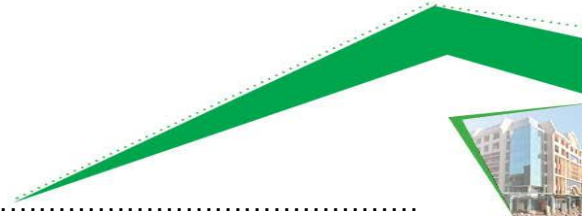
Full Name	Identity Number	Name of organ of state

- 2.3 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

1. the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise

- 2.3.1 If so, furnish particulars:

.....



- 2.4 Does the bidder or any of its directors/trustees/shareholders members/partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise, whether or not they are bidding for this contract?

YES/NO

- 2.4.1 If so, indicate all companies registered in the CSD in the table below:

Supplier registration number (MAAA)	Status (active/inactive/deleted)

Failure to disclose all CSD-registered active companies linked to all Directors will lead to disqualification.

3 GENERAL DECLARATION

I,, the undersigned, in submitting the accompanying bid, do hereby make the following statements that I certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure.
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found to be false.
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act, 1998 (Act No. 89 of



1998) and or may be referred to law enforcement agencies for criminal investigation and or may be restricted from conducting business with the state for a period not exceeding 10 years in terms of the Prevention and Combating of Corrupt Activities Act, 2004 (Act No. 12 of 2004) or any other applicable legislation.

I CERTIFY THAT THE ABOVE IS CORRECT.

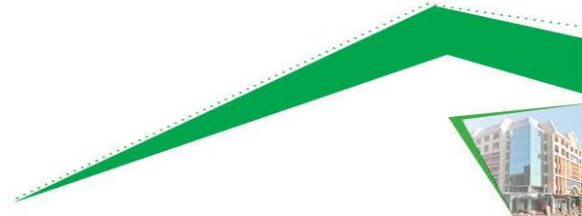
**I ACCEPT THAT THE PROCURING INSTITUTION MAY REJECT BID OR TAKE
APPROPRIATE ACTION AGAINST ME IF THIS DECLARATION IS FALSE.**

.....
Signature

.....
Date

.....
Designation

.....
Name of bidder



SBD 6.1

PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL PROCUREMENT REGULATIONS 2022

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT REGULATIONS, 2022

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to invitations to tender:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
 - the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

- a) The applicable preference point system for this tender is the 80/20 preference point system.
- b) The lowest acceptable tender will be used to determine the accurate system once tenders are received.

- 1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:
- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.



- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULA FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \text{80/20} & \text{or} & \text{90/10} \\ P_s = 80 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) & \text{or} & P_s = 90 \left(1 - \frac{P_t - P_{\min}}{P_{\min}} \right) \end{array}$$

Where

P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 $P_{\min}$ = Price of lowest acceptable tender

3.2. FORMULA FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

$$\begin{array}{ccc} \text{80/20} & \text{or} & \text{90/10} \\ P_s = 80 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right) & \text{or} & P_s = 90 \left(1 + \frac{P_t - P_{\max}}{P_{\max}} \right) \end{array}$$



Where

Ps = Points scored for price of tender under consideration
Pt = Price of tender under consideration
Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 80/20 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 80/20 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 80/20 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 80/20 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.
(Note to organs of state: Where either the 80/20 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.
Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender		Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
Historically Disadvantaged Individual: -			
	(a) 100% black ownership	4	
	(b) 51% to 99% black ownership	2	
	(c) Less than 51% black ownership	0	
Black women ownership:-			
	(a) 100% black women ownership	4	
	(b) 30% to 99% black women ownership	2	
	(c) Less than 30% black women ownership	0	
Black youth ownership:-			
	(a) 100% black youth ownership	4	
	(b) 30% to 99% black youth ownership	2	
	(c) Less than 30% black youth ownership	0	
Locality:-			
	(a) Within the Eastern Cape	6	



	(b) Outside the Eastern Cape	0	
	Local Content:-		
	(a) Compliant to local content requirements	2	
	(b) Non-Compliant to local content requirements	0	

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

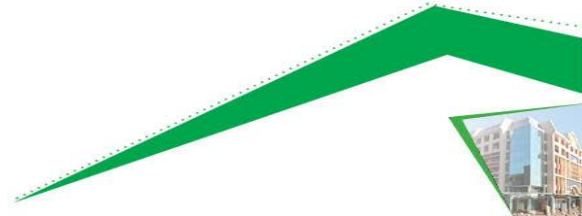
4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
☐ One-person business/sole propriety
☐ Close corporation
☐ Public Company
☐ Personal Liability Company
☐ (Pty) Limited
☐ Non-Profit Company
☐ State Owned Company
 [TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.



.....
SIGNATURE(S) OF TENDERER(S)

SURNAME AND NAME:

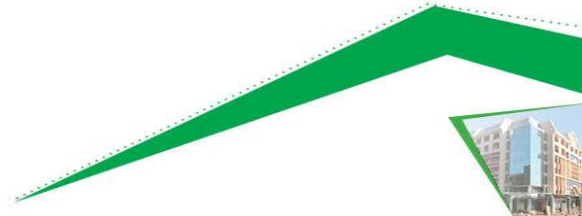
DATE:

ADDRESS:

.....

.....

.....



DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This declaration forms part of all bids invited with local content and it serves as a declaration form for local content (local production and local content are used interchangeably).

1. **A bidder will not be awarded points for Specific goals allocated for Local Content if this Declaration Certificate is not completed, signed and submitted as part of the bid documentation;**
2. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard

IN RESPECT OF BID NO.: SCMU5-AN26/27-0009: REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT

ISSUED BY: (Procurement Authority / Name of Institution): EASTERN CAPE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE

I, the undersigned, (full names),
do hereby declare, in my capacity as
of(name of bidder entity), the
following:

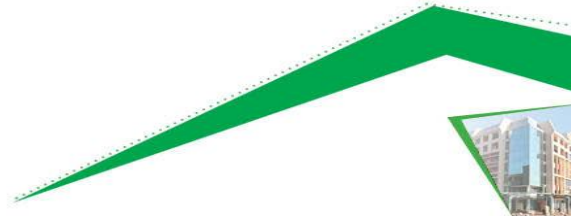
- (a) The facts contained herein are within my own personal knowledge.
- (b) I have satisfied myself that:
 - (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and

Bid price, excluding VAT	R
Imported content	R
Stipulated minimum threshold for local content	100%
Local content %	

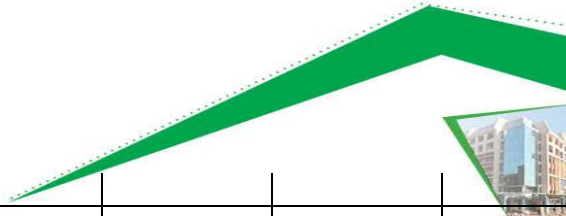
- (c) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (d) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application.

SIGNATURE: _____

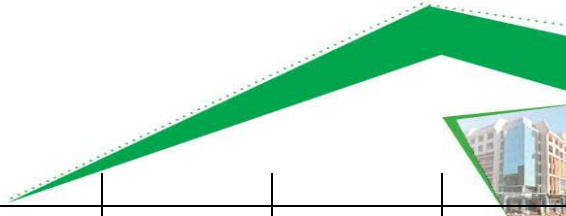
DATE: _____



Local Content – Declaration Summary Schedule											
Bill Page No.	Bill Item No.	Description of Services Works or Goods	Unit of measure	Quantity C1	Stipulated Minimum Threshold C2	Tender price - each (excl VAT) C3	Exempted imported value. C4	Tender value net of exempted imported content. C5 (C3-C4=C5)	Imported value (R) C6 (C1 x C4 =C6)	Local value (R) C7 (C1 x C3=C7)	Local content % (per item) C8
		CONCRETE									
54	2	20Mpa	m ³	39	100%						
	3	20Mpa	m ³	5	100%						
	4	20Mpa	m ³	1	100%						
84	1, 2	20Mpa in encasing	m	6	100%						
98	9	20Mpa	m ³	15	100%						
102	1	20Mpa	m ³	6	100%						
105	4	20Mpa	m ³	3	100%						
	5, 6	25Mpa	m ³	4	100%						
		PRECAST CONCRETE									
		Lintol 110mm wide x 75mm deep	m		100%						
99	3	Plain Precast Cement Concrete (25MPa) Interlocking Paving	m ²	78	100%						



101												
		REINFORCEMENT										
		Mild Steel										
		High Tensile Steel										
		Brick Reinforcing										
57	4	Brick reinforcement 80mm wide.	m	211	100%							
	5	Ditto, but 155mm wide.	m	428	100%							
105	12	150mm Wide reinforcement	m	60	100%							
		Mesh Reinforcing										
55	3	Mesh ref 193	m ²	5	100%							
	4	Mesh ref 311	m ²	31	100%							
105	10	Mesh ref 156	m ²	20	100%							
		ROOF COVERINGS AND FLASHINGS										
61	1	Roof sheeting	m ²	200	100%							
	2	Raking cutting	m	19	100%							
	3	Ridge capping	m	19	100%							
	4	Gable trim	m	25	100%							
		Full-bore outlet	No		100%							
		GUTTERS & DOWNPIPES										
61	6	Eaves gutter	m	80	100%							
	7	Stopped end	No	10	100%							
	8	Outlet with nozzle	No	7	100%							
62	1	Rainwater pipe	m	42	100%							
	2	Shoe	No	11	100%							
	3	Bend	No	20	100%							
	4	Swanneck	No	22	100%							
		STRUCTURAL STEEL										

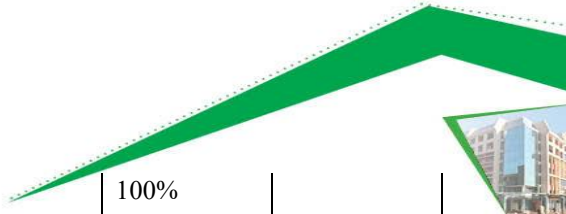


		METALWORK										
		Galvanised Mild Steel										
76	1	Steel gate	No	1	100%							
	2	Windy-dry rotating wash line	No	1	100%							
	3	Dynabolt masonry anchor	No	94	100%							
84	4	Cast iron cleaning eye	No	7	100%							
		STEEL DOOR FRAMES										
76	4,5	Frame for door size 813 x 2032mm.	No	3	100%							
	6	Frame for double door	No	1	100%							
		DOORS										
		External doors	No	4								
		Internal doors	No	2								
		STAINLESS STEEL										
86	1	Insert type sing	No	1	100%							
	2	Combination bedpan Wash-up Sink	No	1	100%							
	3	Bedpan and bottle rack	No	1	100%							
	4	Slop hoper	No	1	100%							
	5	Whb	No	1	100%							
		FENCING AND GATES										
102	2	Six Strands of 4mm galvanised straining wires	m	50	100%							
	3	Approved 500mm diameter flat wrap of galvanised razor barbed tape wire	m	50	100%							
	4	Security fencing formed of 50 x 50 x 3,15mm diameter Class A galvanised 'Secumesh	m	50	100%							
	5	12mm diameter galvanised mild steel straining eye bolt wth hook	No	4	100%							
	6	10mm U-shaped fence anchor	No	120	100%							



Province of the EASTERN CAPE

PUBLIC WORKS & INFRASTRUCTURE



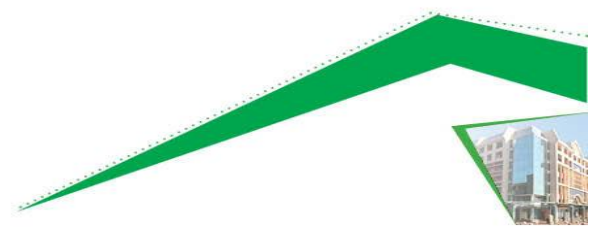
	7	60mm diameter galvanised steel intermediate fencing post,	No	26	100%						
	8	100mm Ditto as end post	No	2	100%						
103	1	100mm Ditto as straining or corner posts,	No	5	100%						
	2	100mm Ditto, as straining or corner posts	No	2	100%						
	3	150 Diameter ditto as gate post,	No	2	100%						
	4	Gate 1000 x 2400mm high formed	No	1	100%						
104	1	Double gate 6000 x 2400mm high	No	1	100%						
		PVC PIPES									
		uPVC pipes class 9									
83	1	5000L rain water tank.	No	2.	100%						
	2, 3	110mm Pipe	m	20	100%						
	4, 5	110mm bends	No	30	100%						
	6	110mm Junction.	No	2	100%						
	7	110mm Gulley trap	No	2	100%						
		Rigid PVC Socketed Soil, Waste or Vent Piping (SABS 967)									
84	8	40mm Pipe and fixing to walls,	m	60	100%						
	9	110mm Ditto.	m	30	100%						
	10	40mm "GI Two-Way" vent valve.	No	12	100%						
	11	110mm "GI Two-Way" vent valve.	No	2	100%						
	12	40mm Bend.	No	10	100%						
	13	40mm Access bend.	No	10	100%						
85	1	110mm Access bend.	No	2	100%						
	2	40mm Junction.	No	2	100%						
	3	40mm Access junction.	No	2	100%						
	4	110mm Access junction.	No	2	100%						
	5	110mm Reducing access junction.	No	2	100%						
	6	110 x 40mm Boss connector.	No	2	100%						



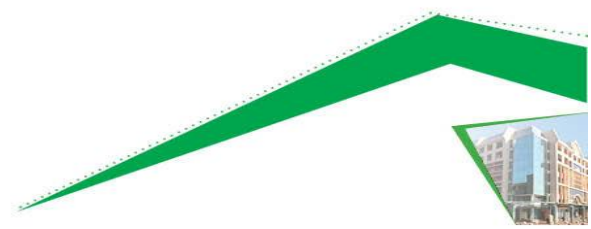
Province of the EASTERN CAPE

PUBLIC WORKS & INFRASTRUCTURE

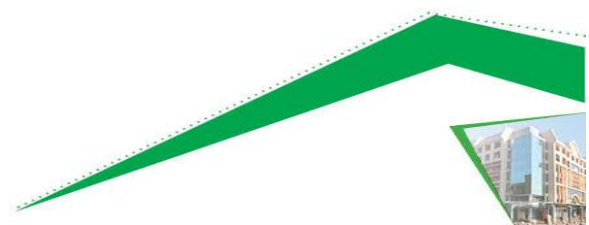
	7	110mm Pan collar	No	2	100%						
	8	40mm P-Trap	No	2	100%						
	9	40mm Shower trap	No	1	100%						
		uPVC fittings									
		PLUMBING SUNDRIES									
85	10	Sink waste	No	5	100%						
	11	Bottle trap	No	7	100%						
		SLEEVES									
		BID PRICE EXC VAT (R)									
		TOTAL IMPORTED CONTENT VALUE (R)									
		TOTAL LOCAL CONTENT VALUE (R)									



**PROOF OF REGISTRATION ON THE
NATIONAL TREASURY CENTRAL SUPPLIER
DATABASE
(ATTACH HERE)**



VALID COPY CIDB CERTIFICATE
(ATTACH HERE)



PROTECTION OF PERSONAL INFORMATION: CONSENT (POPIA)

The introduction of The Protection of Personal Information Act (POPIA) ensures the regulation of personal information through its entire life cycle of collection, transfer, storing and deletion.

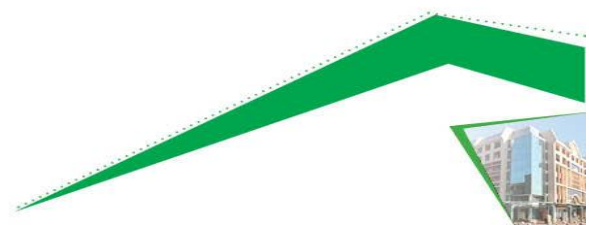
As part of its business activities, the Department of Public Works and Infrastructure obtains and requires access to personal data from a wide range of internal and external parties, including without limitation bidders who respond to requests for proposals that are published by the Department of Public Works and Infrastructure from time to time. The Department of Public Works and Infrastructure confirms that it shall process the information disclosed by Bidders for the purpose of evaluating and subsequently awarding/appointing a successful Bidder.

The Department of Public Works and Infrastructure hereby states that it does not and will never modify, amend, or alter any personal information submitted to it by a Bidder. Not unless directed to do so by an order of court, the Department of Public Works and Infrastructure does not disclose or permit the disclosure of any personal information to any Third Party without the prior written consent of the owner of the information.

Similarly, Bidders will from time-to-time access and be seized with information of a personal nature pertaining to the Department of Public Works and Infrastructure. Some of the information may because of legislative compliances be available in the public domain, whilst some is uniquely provided to bidders in pursuit of procurement or other business-related activities. In this regard, the Department of Public Works and Infrastructure requires that Bidders which receive or have access to its personal information, process any such information in a manner compliant with the requirements of the POPIA.

AGREEMENT

1. The Department of Public Works and Infrastructure and the Bidder (the Parties) agree and undertake that upon obtaining and having access to personal information relating to either of them, they shall always ensure that:
 - a) They process the information only for the express purpose for which it was obtained.
 - b) Information is provided only to designated and authorized personnel who require the personal information to carry out the Parties' respective obligations in terms of the Procurement processes.
 - c) They will introduce and implement all reasonable measures ensure the protection of all personal information from unauthorized access and/or use.
 - d) They have taken appropriate measures to safeguard the security, integrity, and authenticity of all personal information in its possession or under its control.
 - e) The Parties agree that if personal information will be processed for any other purpose other than the one for which the accessing of the information was intended, explicit written consent will be obtained prior to the execution of such reason.
 - f) The Parties shall carry out regular assessments to identify all reasonably foreseeable internal and external risks to the interception of personal information in its possession or under its control and shall implement and maintain appropriate controls in mitigation of such risks.



2. The Parties agree that they will promptly return or destroy any personal data in their possession or control which belongs to the other Party once it no longer serves the purpose for which it was collected, subject to any legal retention requirements. The information will be destroyed in such a manner that it cannot be reconstructed to its original form, linking it to any individual or organization.
3. Bidder's Obligations
 - a) The Bidder is required to notify the Information Officer of Department of Public Works and Infrastructure, in writing as soon as possible after it becomes aware of or suspects any loss, unauthorized access or unlawful use of any of the Department of Public Works and Infrastructure's personal information.
 - b) The Bidder shall, at its own cost, promptly and without delay take all necessary steps to mitigate the extent of the loss or compromise of personal data.
 - c) The Bidder shall be required to provide the Department of Public Works and Infrastructure with details of the persons affected by the compromise and the nature and extent of the compromise, including details of the identity (if known) of the unauthorized person who may have accessed or acquired the personal data.
 - d) The Bidder undertakes to co-operate with any investigation relating to security breach which is carried out by or on behalf of Department of Public Works and Infrastructure.

On behalf of the Bidder:

.....
Signature

.....
Date

.....
Position

.....
Name of the Bidder

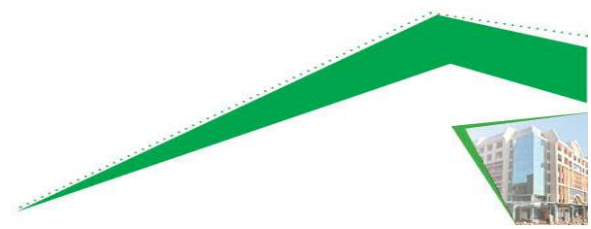
On behalf of the Client:

.....
Signature

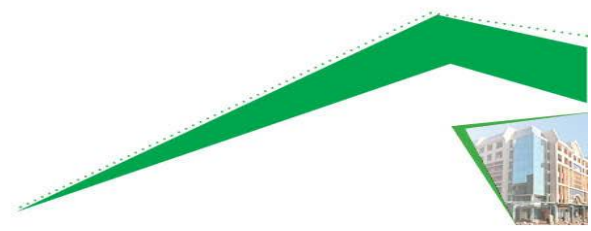
.....
Date

.....
Position

.....
Name of Client Representative

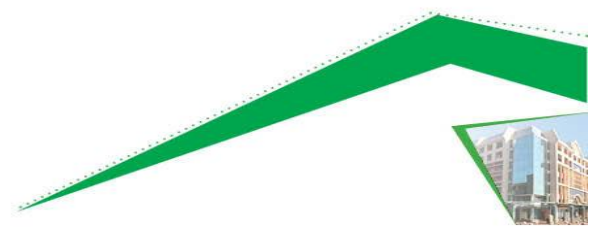


THE CONTRACT

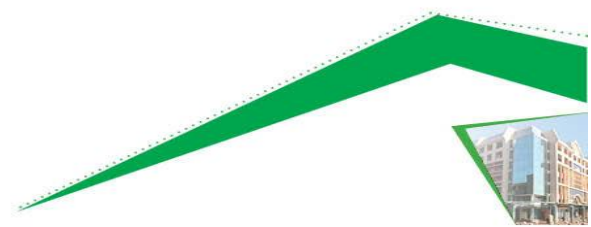


PART C1

AGREEMENTS AND CONTRACT DATA



PART C1.1: FORM OF OFFER AND ACCEPTANCE



C1.1- Form of Offer and Acceptance

Annex C (normative)

FORM OF OFFER AND ACCEPTANCE

Project title	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
SCMU number	SCMU5-AN26/27-0009

OFFER

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS

.....

..... Rand (in words) ;

R(in figures) (or
other suitable wording)

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Signature

.....

Name

.....

Capacity

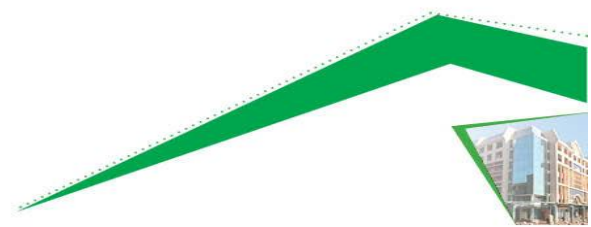
.....

for the tenderer

.....

(Name and address of organization)

Name and signature



of witness Date

ACCEPTANCE

By signing this part of this form of offer and acceptance, the employer identified below accepts the tenderer's offer. In consideration thereof, the employer shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offer shall form an agreement between the employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement. The terms of the contract, are contained in:

- Part C1 Agreements and contract data, (which includes this agreement)
- Part C2 Pricing data
- Part C3 Scope of work.
- Part C4 Site information and drawings and documents or parts thereof, which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the returnable schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this form of offer and acceptance. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within 3 weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five working days of the date of such receipt notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.¹

Signature

.....

Name

.....

Capacity

.....

for the Employer

.....

(Name and address of organization)

Name and signature

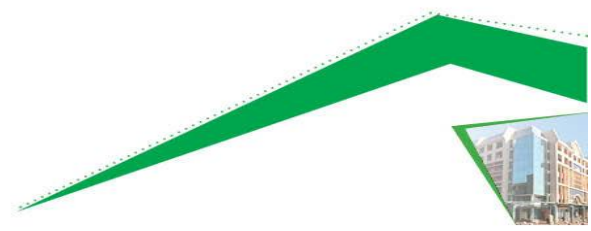
of witness Date

Schedule of Deviations

1 Subject _____
Details _____

2 Subject _____
Details _____

3 Subject _____
Details _____



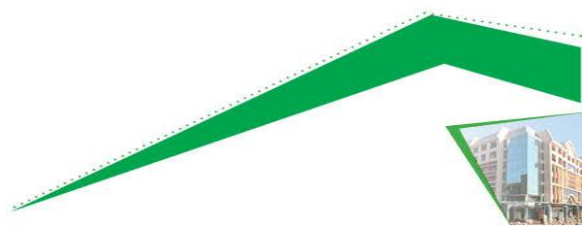
4 Subject
Details

By the duly authorized representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation, clarification or changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender/ quotation documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

¹ As an alternative, the following wording may be used:

Notwithstanding anything contained herein, this agreement comes into effect two working days after the submission by the employer of one fully completed original copy of this document including the schedule of deviations (if any), to a courier-to-counter delivery / counter-to-counter delivery / door-to-counter delivery /door-to-door delivery /courier service (delete that which is not applicable), provided that the employer notifies the tenderer of the tracking number within 24 hours of such submission. Unless the tenderer (now contractor) within seven working days of the date of such submission notifies the employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties



A

RECORD OF ADDENDA TO BID DOCUMENTS

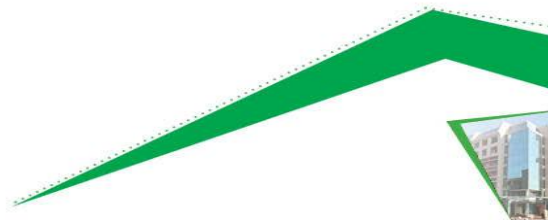
PROJECT TITLE	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT		
SCMU NUMBER	SCMU5-AN26/27-0009		
I / We confirm that the following communications received from the Department of Public Works before the submission of this tender offer, amending the tender documents, have been taken into account in this bid offer: (Attach additional pages if more space is required)			
Item	Date	Title or Details	No. of Pages
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Attach additional pages if more space is required.

Signed _____ Date _____

Name _____ Position _____

Tenderer _____



B

PROPOSED AMENDMENTS AND QUALIFICATIONS

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.	
The Tenderer's attention is drawn to clause 5.8 of SANS 10845-3 regarding the employer's handling of material deviations and qualifications.	
PROJECT TITLE	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
SCMU NUMBER	SCMU5-AN26/27-0009

Page	Clause /Item	Proposal

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct

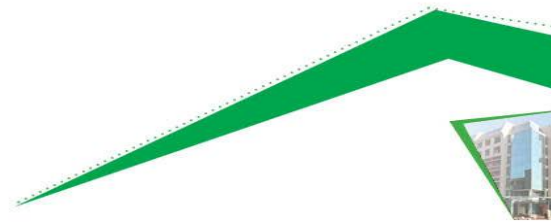
Signed

Date

Name

Position

Enterprise name



C

RESOLUTION FOR SIGNATORY

A: CERTIFICATE OF AUTHORITY FOR SIGNATORY

Signatory for companies shall confirm their authority hereto by attaching a duly signed and dated copy of the relevant resolution of the board of directors to this form or on company letter head.

An example is given below:

"By resolution of the board of directors passed at a meeting held on _____

Mr/Ms _____, whose signature appears below, has been duly authorised to

sign all documents in connection with the tender for Contract No. _____

and any Contract which may arise there from on behalf of (Block Capitals) _____

SIGNED ON BEHALF OF THE COMPANY: _____

IN HIS/HER CAPACITY AS: _____

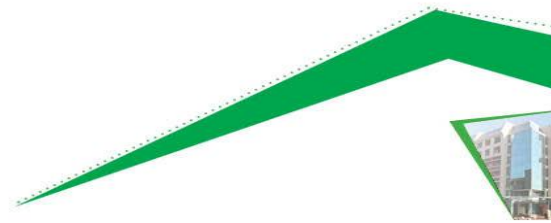
DATE: _____

SIGNATURE OF SIGNATORY: _____

WITNESSES:

DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	
DIRECTOR (NAMES)		SIGNATURE	

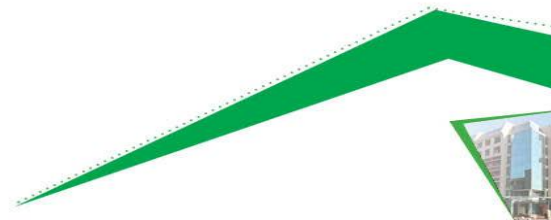
If you cannot complete this form, attach a separate sheet (in a company letter head, project specific and signed by all directors):



D

CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This Returnable Schedule is to be completed by joint ventures.		
We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorize Mr/Ms, authorized signatory of the company, acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.		
PROJECT TITLE	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT	
SCMU NUMBER	SCMU5-AN26/27-0009	
NAME OF FIRM	ADDRESS	DULY AUTHORISED SIGNATORY
Lead partner:		Signature. Name Designation.....
..... .		Signature. Name Designation.....
..... .		Signature. Name Designation.....
..... .		Signature. Name Designation.....

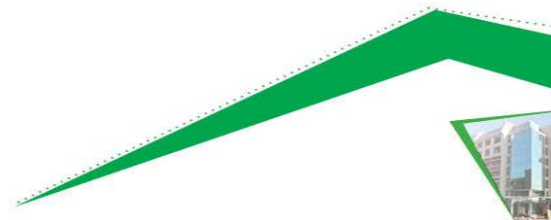


E

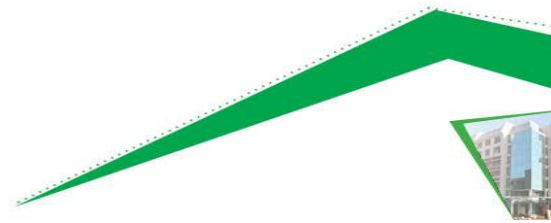
SCHEDULE OF PROPOSED SUBCONTRACTORS

PROJECT TITLE	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
SCMU NUMBER	SCMU5-AN26/27-0009
We notify you that it is our intention to employ the following Subcontractors for work in this contract. The Subcontractors will all be CIDB registered and their CIDB Registration number shall be submitted below. If we are awarded a contract, we agree that this notification does not change the requirement for us to submit the names of proposed subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us. We confirm that all subcontractors who are or to be contracted are registered on Central Supplier Database (CSD).	

No.	Name and address of proposed Subcontractor	Nature and extent of work	Year completed	Value	Contact details
1					
2					



3					
4					
5					
The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct					



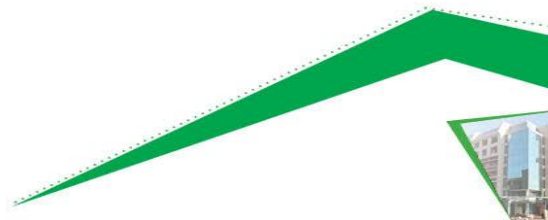
Signed

Date

Name

Position

Enterprise name



F

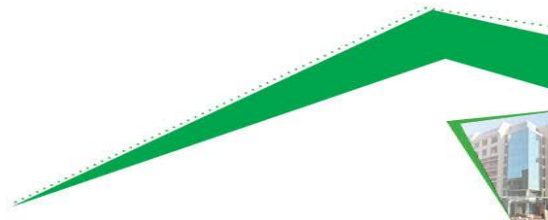
CAPACITY OF THE BIDDER

PROJECT TITLE	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
SCMU NUMBER	SCMU5-AN26/27-0009
WORK CAPACITY: (The Bidder is requested to furnish the following capacity particulars and to attach additional pages if more space is required. Failure to furnish the particulars may result in the Bid being disregarded.) <i>Artisans and Employees: (Artisans and Employees to be, or are, employed for this project)</i>	

Quantity / No. of Resources	Categories of Employee - Key Personnel (part of Business Enterprise)	Professional Registration No.	Date of Employment
	Site Agent		
	Project Manager		
	Foreman		
	Quality Control & Safety Officer-Construction Supervisor		
	Artisans		
	Unskilled employees		
	Others		

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.

Signed:		Date	
Name:		Position	
Enterprise Name:			



G

RELEVANT PROJECT EXPERIENCE – COMPLETED PROJECTS

Tenderers must submit a max one-page description of at least three projects successfully completed.

Attach a Completion Certificate for each of the project provided.

The description of each project must include the following information:

1. Essential introductory information:
 - 1.1. Name of project.
 - 1.2. Name of client.
 - 1.3. Contact details of client.
 - 1.4. Contact details (including telephone numbers and email addresses) of currently contactable references.
 - 1.5. The period during which the project was performed, and also, if this is different, the period during which the tenderer's team members were contracted.
 - 1.6. Cost of works and/or contract value (making it clear in broad terms what this cost/value purchased, and to what extent (if any) this cost/value was part of a larger project budget or programme budget).

NO.	NAME OF PROJECT.	NAME OF CLIENT.	CONTACT DETAILS OF CLIENT.	PROJECT VALUE	DATE COMPLETED
1					
2					
3					

If there are more projects, attach a separate page to address this issue (the above table is just for reference purposes).

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.

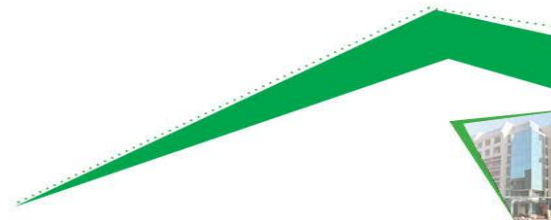
Signed.....

Date.....

Name.....

Position.....

Enterprise name.....



H

RELEVANT PROJECT EXPERIENCE – CURRENT PROJECTS

Tenderers must submit a max one-page description of at least three projects under construction/ on hold/ just handed over/ towards completion (if they exist). **Attach an Appointment letter for each of the project provided.**

The description of each project must include the following information:

2. Essential introductory information:
 - 2.1. Name of project.
 - 2.2. Name of client.
 - 2.3. Contact details of client.
 - 2.4. Contact details (including telephone numbers and email addresses) of currently contactable references.
 - 2.5. The period during which the project was performed, and if this is different, the period during which the tenderer's team members were contracted.
 - 2.6. Cost of works and/or contract value (making it clear in broad terms what this cost/value purchased, and to what extent (if any) this cost/value was part of a larger project budget or programme budget).

NO.		NAME OF PROJECT.	NAME OF CLIENT.	CONTACT DETAILS OF CLIENT.	PROJECT VALUE	STAGE OF PROJECT
1						
2						
3						

Attach a separate page to address this issue (the above table is just for reference purposes).

Signed

Date

.....

Name

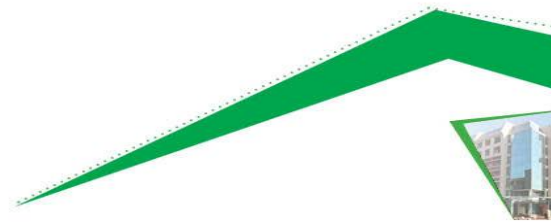
Position

.....

Enterprise name

.....

The undersigned, who warrants that she/ he is duly authorised to do so on behalf of the enterprise, confirms that the content of this schedule that presented by the tenderer are within my personal knowledge and are to the best of my knowledge both true and correct.



I
OTHER OFFERS SUBMITTED AT TIME OF THIS TENDER FOR WHICH RESULTS ARE PENDING
(if they exist)

(Any other client's tender must also be included)

BID NO. / PROJECT NUMBER	PROJECT NAME	CLIENT NAME & CONTACT NO.	VALUE TENDERED IN RANDS	DATE SUBMITTED	CONTACT DETAILS (CLIENT)
1					
2					
3					
4					

Signed

Date

.....

Name

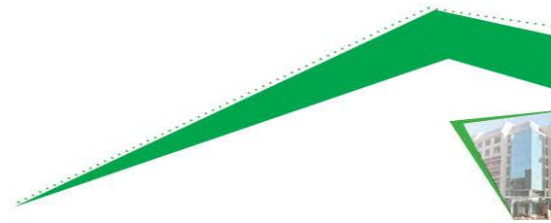
Position

.....

Enterprise name

.....

If there are more projects, attach a separate page to address this issue (the above table is just for reference purposes).



J

SCHEDULE OF TENDERER'S LITIGATION HISTORY

The tenderer shall list below details of any litigation with which the tenderer (including its directors, shareholders or other senior members in previous companies) has been involved with any organ of state or state department within the last ten years. The details must include the year, the litigating parties, the subject matter of the dispute, the value of any award or estimated award if the litigation is current and in whose favour the award, if any, was made.

NO.	NAME OF CLIENT.	OTHER LITIGATING PARTY	BRIEF DETAILS OF DISPUTE	PROJECT VALUE	DATE RESOLVED OR STATUS OF LITIGATION
1					
2					
3					
4					

Signed

Date

.....

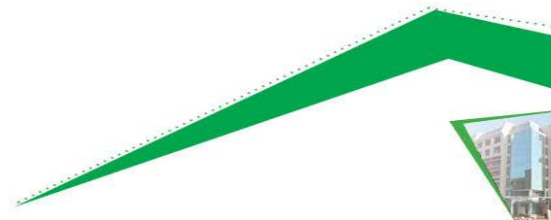
Name

Position

.....

Enterprise name

.....



K

Project Reference Forms – 1

Project title:	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
Project Number:	SCMU5-AN26/27-0009

NOTE: This returnable document must be completed by the person who was the Engineer/Project Manager on a project of similar value and complexity that was completed successfully by the tenderer.

I, _____ (name and surname) of
_____ (company name) declare

that I was the Project Manager on the following building construction project successfully
executed by _____ (name of tenderer):

Project name: _____

Project location: _____

Construction period: _____ Completion date: _____

Contract value: _____

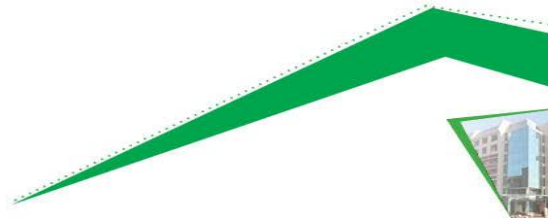
A. Please evaluate the performance of the Tenderer on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors /cash flow, etc						
TOTAL						

B. Would you consider / recommend this tenderer again:

YES	NO

C. Any other comments:



D. My contact details are:

Telephone: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 2026.

Signature of principal agent

COMPANY STAMP

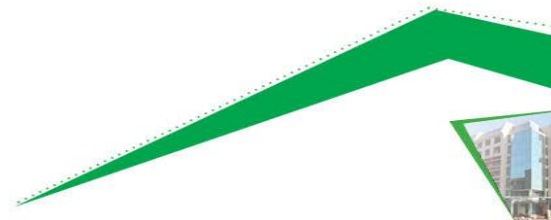
NOTE:

If reference cannot be verified due to the inability to get hold of the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points. It is the responsibility of the tenderer to put referees who are reachable.

Name of Tenderer

Signature of Tenderer

Date



Project Reference Forms - 2

Project title:	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
Project Number:	SCMU5-AN26/27-0009

NOTE: This returnable document must be completed by the person who was the Engineer/Project Manager on a project of similar value and complexity that was completed successfully by the tenderer.

I, _____ (name and surname) of _____ (company name) declare that I was the Project Manager on the following building construction project successfully executed by _____ (name of tenderer):
 Project name: _____
 Project location: _____
 Construction period: _____ Completion date: _____
 Contract value: _____

A. Please evaluate the performance of the Tenderer on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below

Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors /cash flow, etc						
TOTAL						

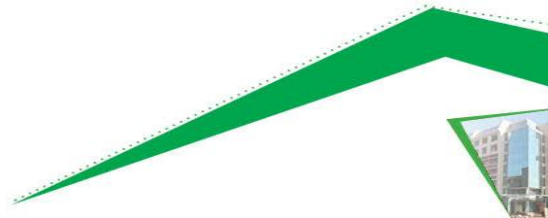
B. Would you consider / recommend this tenderer again:

YES	NO

C. Any other comments:

D. My contact details are:

Telephone: _____ Cellphone: _____ Fax: _____



E-mail: _____

Thus signed at _____ on this _____ day of _____ 2026.

Signature of principal agent

COMPANY STAMP

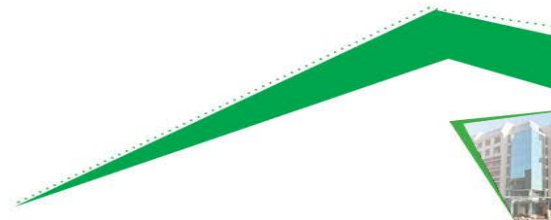
NOTE:

If reference cannot be verified due to the inability to get hold of the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points. It is the responsibility of the tenderer to put referees who are reachable.

Name of Tenderer

Signature of Tenderer

Date



Project Reference Forms – 3

Project title:	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
Project Number:	SCMU5-AN26/27-0009

NOTE: This returnable document must be completed by the person who was the Engineer/Project Manager on a project of similar value and complexity that was completed successfully by the tenderer.

I, _____ (name and surname) of

_____ (company name) declare

that I was the Project Manager on the following building construction project successfully executed by _____ (name of tenderer):

Project name: _____

Project location: _____

Construction period: _____ Completion date: _____

Contract value: _____

A. Please evaluate the performance of the Tenderer on the abovementioned project, on which you were the principal agent, by inserting "Yes" in the relevant box below:

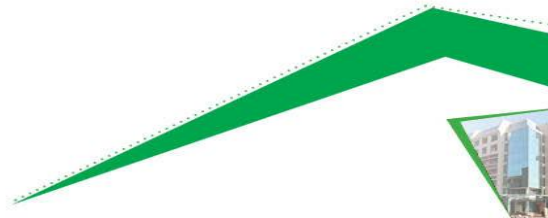
Key Performance Indicators	Very Poor 1	Poor 2	Fair 3	Good 4	Excellent 5	Total
1. Project performance / time management / programming						
2. Quality of workmanship						
3. Resources: Personnel						
4. Resources: Plant						
5. Financial management / payment of subcontractors /cash flow, etc						
TOTAL						

B. Would you consider / recommend this tenderer again:

YES	NO

C. Any other comments:

D. My contact details are:



Telephone: _____ Cellphone: _____ Fax: _____

E-mail: _____

Thus signed at _____ on this _____ day of _____ 2026.

Signature of principal agent

COMPANY STAMP

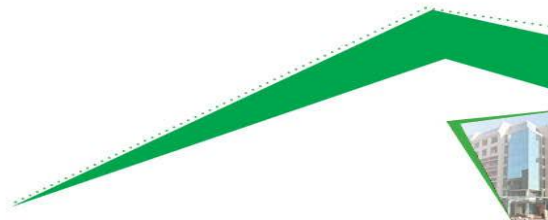
NOTE:

If reference cannot be verified due to the inability to get hold of the referee or failure on his/her part to respond to a written request to do so, that reference will not score any points. It is the responsibility of the tenderer to put referees who are reachable.

Name of Tenderer

Signature of Tenderer

Date



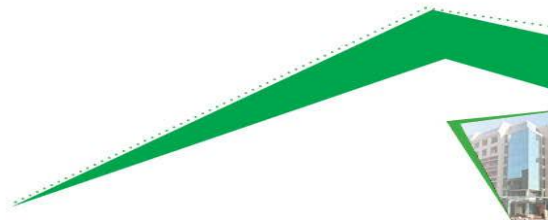
L

BASELINE RISK ASSESSMENT

PROJECT TITLE	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
SCMU NUMBER	SCMU5-AN26/27-0009
<i>PLEASE NOTE THAT THIS IS A BASELINE RISK ASSESSMENT AND NOT A DETAILED RISK ASSESSMENT OF ALL ANTICIPATED ACTIVITIES ON SITE</i>	

Activity	Risk to Safety	Risk to Health	Risk to Environmental	Risk to Public Safety	Control Measures
Brickwork	Physical injury, Fatality				PPE, Use of Scaffolding
Roofing	Physical injury, Fatality				PPE, Use of Scaffolding
Plastering	Skin irritation, temporary blindness	Long term breathing problems	Ground contamination	Dust inhalation	Use of PPE, guarding off site on work areas
Paintwork	Skin irritation, temporary blindness	Long term breathing problems	Ground contamination	Air pollution	Use of PPE, guarding off site on work areas
Construction activities / demolition	Temporary deafness	Permanent deafness	Noise pollution	Noise pollution	Guarding / barricading of site
Moving machines	Driven over by machines	Injury to workers	Fuel spillage	Driven over by machines	Signage and slow driving

You can list all activities on a separate page to address this issue (the above table is just for reference purposes).



M

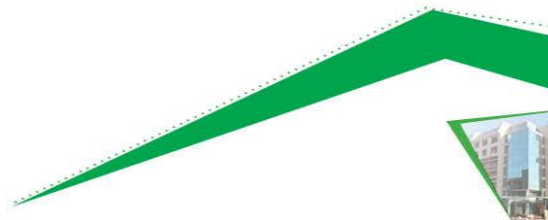
A. EASTERN CAPE INFRASTRUCTURE INPUT MATERIAL

PROJECT NAME	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
PROJECT DESCRIPTION (SCOPE)	RENOVATIONS, UPGRADING AND MINOR ADDITIONS
SCMU NUMBER	SCMU5-AN26/27-0009
CONTRACTOR NAME:	

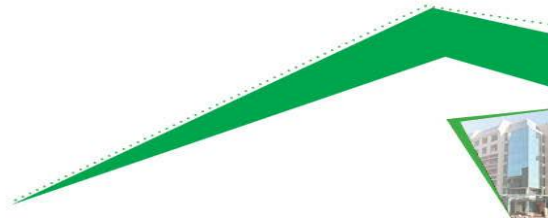
- Below is the list of building material which must be sourced from Eastern Cape based suppliers, manufacturers or accredited agents.
- On monthly basis, the contractor will report the purchasing of any of this material.
- The report will then be communicated to PT & OTP on quarterly basis or in whichever intervals, as prescribed by PT & OTP.

A. BUILDING MATERIAL LISTS– BUILDING RELATED STRUCTURES (NEW, REFURBISHMENTS & RENOVATIONS)

ITEM	BUILDING MATERIAL (TYPE)	ESTIMATE AMOUNT (Rands)
1	Foundations:	
1.1	Concrete	
1.2	Reinforcement	
1.3	Brickwork	
2	Superstructure:	
2.1	Brickwork	
2.2	Brickwork Sundries	
2.3	Lintels (precast concrete)	
2.4	Roof Structure (Steel Structures)	
2.5	Roof Covering (Steel)	
2.6	Rainwater Goods	



2.7	Doors (Timber)	
2.8	Doors Frames (Steel)	
3	Internal Finishes:	
3.1	Floor Finishes (Tiling and screeds)	
3.2	Tile Skirtings	
3.3	Floor finishes and skirtings (Vinyl and screeds)	
3.4	Internal Plaster	
3.5	Internal Wall Finishes	
3.6	Ceilings	
3.7	Ceiling Finishes (Painting)	
3.8	Cornices	
3.9	Waterproofing products	
4	External Finishes:	
4.1	Bricks (all kinds)	
4.2	External Plaster	
4.3	External Wall Finishes (Painting)	
5	Fittings and Furniture:	
5.1	Ironmongery	
5.2	Sanitaryware	
5.3	Stainless Steel Fittings	
6	Services:	



6.1	Plumbing Pipes	
6.2	Plumbing Fittings	
7	External Works:	
7.3	Fencing	
7.4	Stormwater pipes	
7.5	Stormwater channels	
7.6	Water pipes	
7.7	Sewer Pipes	
	TOTAL	

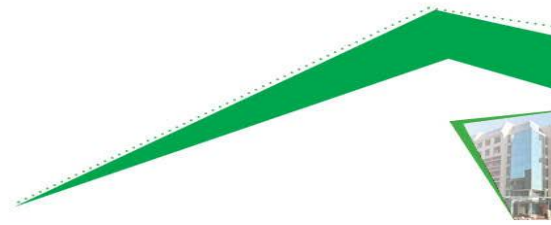
B. CONFIRMATION

- I.....(**Contractor name**)
acknowledge and confirm the above mentioned material will be sourced in the Eastern Cape Province, from Eastern Cape based material suppliers and manufacturers.
- I confirm that on monthly basis I will produce a proof of purchase of this material used or to be used, either in the form of delivery notes, tax invoices or any formal document which verifies that the material or goods were sourced from an Eastern Cape based supplier or manufacturer.

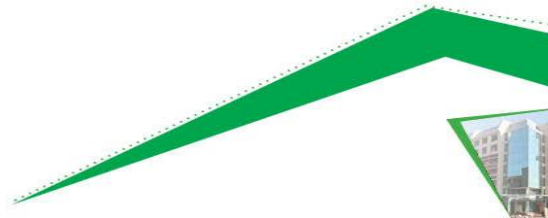
Representative of the Contractor (Name)

Signature

Date



PART C1.2: CONTRACT DATA



The Joint Building Contracts Committee® - NPC CONTRACT DATA For use by ORGANS OF STATE and other PUBLIC SECTOR BODIES Principal Building Agreement Edition 6.2 - May 2018

A PROJECT INFORMATION

A1.0 Works [1.1]

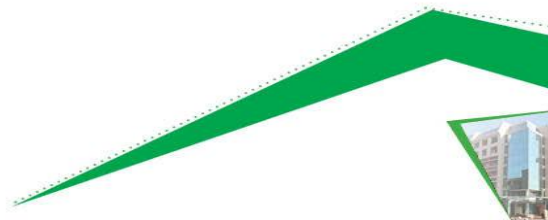
Project name	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
Reference number	SCMU5-AN26/27-0009
Works description	Refer to document C3 – Scope of Work

A2.0 Site [1.1]

Erf / stand number	Refer to document C4 – Site Information
Township / Suburb	QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN MATATIELE LM, Eastern Cape
Site address	Refer to document C4 – Site Information
Local authority	Matatiele Local Municipality in the Alfred Nzo District

A3.0 Employer [1.1]

Official Name of Organ of State / Public Sector Body	Eastern Cape Department of Public Works and Infrastructure		
Business registration number	N/A		
VAT/GST number	N/A		
Country	South Africa		
Employer's representative: Name	Mr. Xhanti Ntswayi		
E-mail	Xhanti.ntswayi@ecdpw.gov.za		
Mobile number	083 6798154	Telephone number	039 2546758
Postal address	Corner Nkosi Senyukele Jojo And Ngqubusini Street Off Ntsizwa Street, Mt Ayliff.	Postal Code	4735
Physical address	Corner Nkosi Senyukele Jojo And Ngqubusini Street Off Ntsizwa Street, Mt Ayliff.	Postal Code	4735



A4.0 Principal Agent [1.1]

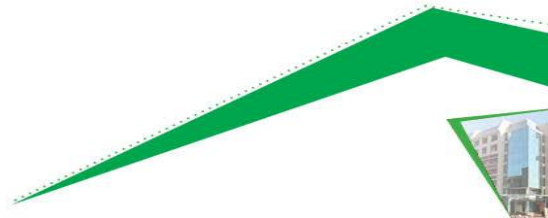
Name	Department of Public Works and Infrastructure		
Legal entity of above		Contact person	Xhanti Ntswayi
Practice number		Telephone number	039 254 6758
		Mobile number	083 6798154
Country		E-mail	Xhanti.ntswayi@ecdpw.gov.za
Postal address	CORNER NKOSI SENYUKELE JOJO AND NGQUBUSINI STREET OFF NTSIZWA STREET, MT AYLIFF.		Postal Code 4735
Physical address	Private Bag x 3556 Kokstad		Postal Code 4700

A5.0 Agent [1.1]

Discipline			
Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			Postal Code
Physical address			Postal Code

A6.0 Agent [1.1]

Discipline			
Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			Postal Code
Physical address			Postal Code



A7.0 Agent [1.1]

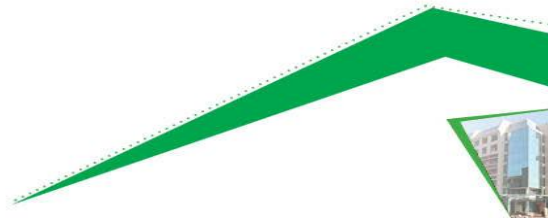
Discipline			
Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			Postal Code
Physical address			Postal Code

A8.0 Agent [1.1]

Discipline			
Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			Postal Code
Physical address			Postal Code

A9.0 Agent [1.1]

Discipline			
Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country	South Africa	E-mail	
Postal address			Postal Code
Physical address			Postal Code



A10.0 Agent [1.1]

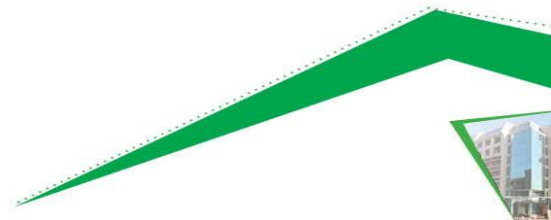
Discipline			
Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			Postal Code
Physical address			Postal Code

A11.0 Agent [1.1]

Discipline			
Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			Postal Code
Physical address			Postal Code

A12.0 Agent [1.1]

Discipline			
Name			
Legal entity of above		Contact person	
Practice number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			Postal Code
Physical address			Postal Code



B CONTRACT INFORMATION

B 1.0 Definitions [1.1]

Bills of quantities: System/Method of measurement	Standard System of Measuring Building Work (Sixth Edition) as amended
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B 2.0 Law, regulations and notices [2.0]

Law applicable to the works , state country [2.1]	Republic of South Africa
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B 3.0 Offer and acceptance [3.0]

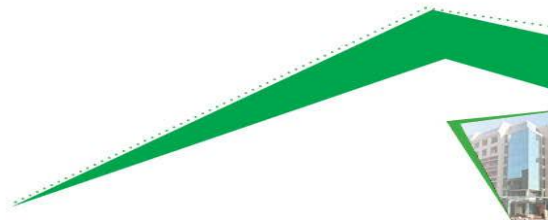
Currency applicable to this agreement [3.2]	South African Rand
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B 4.0 Documents [5.0]

The original signed agreement is to be held by the principal agent [5.2], if not, indicate by whom	Employer
Number of copies of construction information issued to the contractor at no cost [5.6]	Three (3)

Documents comprising the agreement	Page numbers
The JBCC® Principal Building Agreement, Edition 6.2 May 2018	
The JBCC® Principal Building Agreement - Contract Data for Organs of State and other Public Sector Bodies, Edition 6.2 May 2018	
The JBCC® General Preliminaries for use with the JBCC® Principal Building Agreement, Edition 6.2 May 2018	

Contract drawings – description	Number	Revision	Date



B 5.0 Employer's Agents [6.0]

Authority is delegated to the following **agents** to issue **contract instructions** and perform duties for specific aspects of the **works** [6.2]

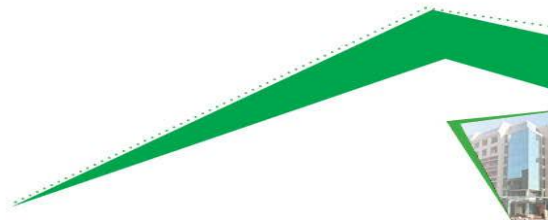
Principal Agent

Principal agent's and **agents'** interest or involvement in the **works** other than a professional interest [6.3]

None

B 6.0 Insurances [10.0]

Insurances by employer		Amount including tax	Deductible amount including tax
Yes / No:	No		
Contract works insurance:			
	New works [10.1.1] (contract sum or amount)		
or	Works with practical completion in sections [10.2] (contract sum or amount)		
or	Works with alterations and additions [10.3] (reinstatement value of existing structures with or including new works)		
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance		
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance		
	Escalation, professional fees and reinstatement costs if not included above		
Total of the above contract works insurance amount			
Supplementary insurance [10.1.2; 10.2]			
Public liability insurance [10.1.3; 10.2]			
Removal of lateral support insurance [10.1.4; 10.2]			



Other insurances [10.1.5]				
Yes/ No?	No	If yes, description 1		
Yes/ No?	No	If yes, description 2		

and/or

Insurances by Contractor			Amount including tax	Deductible amount including tax
Yes / No:		Yes		
	New works [10.1.1] (contract sum or amount)			
or	Works with practical completion in sections [10.2] (contract sum or amount)			
or	Works with alterations and additions [10.3] (reinstatement value of existing structures with or including new works)		To the minimum value of the contract sum + 10%	With a deductible not exceeding 5% of each and every claim
	Direct contractors [10.1.1; 10.2] where applicable, to be included in the contract works insurance		N/A	
	Free issue [10.1.1; 10.2] where applicable, to be included in the contract works insurance		N/A	
	Escalation, professional fees and reinstatement costs if not included above		N/A	
Total of the above contract works insurance amount			To the minimum value of the contract sum + 10%	
Supplementary insurance [10.1.2; 10.2]			R20 million	With a deductible not exceeding 5% of each and every claim
Public liability insurance [10.1.3; 10.2]			R5 million	
Removal of lateral support insurance [10.1.4; 10.2]			No	
Other insurances [10.1.5]				
Yes/ No?	No	If yes, description 1		
Hi Risk Insurance [10.1.5.1]				
Yes/ No?	No	If yes, description 2		

B 7.0 Obligations of the employer [12.1]

Existing premises will be in use and occupied [12.1.2]		Yes / No?	
If yes, description	QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT are a working clinics and construction will take place within these premises		



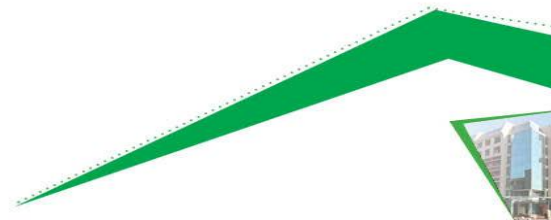
Restriction of working hours [12.1.2]		Yes / No?	
If yes, description	The completion of the project is urgent and work shall be executed during normal working hours i.e. 7h00 until 17h00 daily including weekends. Work required to be executed outside of these hours must be arranged with the Facilities Managers and OR the Chief Executive Officers of the clinics, in advance		
Natural features and known services to be preserved by the contractor [12.1.3]		Yes / No?	
If yes, description			
Restrictions to the site or areas that the contractor may not occupy [12.1.4]		Yes / No?	
If yes, description	Work areas and restricted areas shall be defined at Site Handover		
Supply of free issue [12.1.10]		Yes / No?	
If yes, description			

B 8.0 Nominated subcontractors [14.0]

Yes / No?	No	If yes, description of specialisation
Specialisation 1		
Specialisation 2		
Specialisation 3		
Specialisation 4		
Specialisation 5		
Specialisation 6		
Specialisation 7		
Specialisation 8		
Specialisation 9		

B 9.0 Selected subcontractors [15.0]

Yes / No?	Yes	If yes, description of specialisation
Specialisation 1		
Specialisation 2		
Specialisation 3		
Specialization 4		



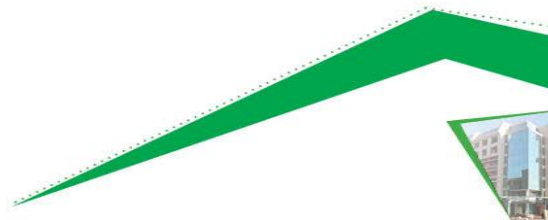
Specialization 5	
Specialisation 6	
Specialisation 7	
Specialisation 8	
Specialisation 9	
Specialisation 10	

B 10.0 Direct contractors [16.0]

Yes / No?	No	If yes, description of extent of work
Extent of work [12.1.11]		
Extent of work [12.1.11]		
Extent of work [12.1.11]		
Extent of work [12.1.11]		
Extent of work [12.1.11]		

B 11.0 Description of sections [20.1]

Section 1	
Section 2	
Section 3	
Section 4	
Section 5	



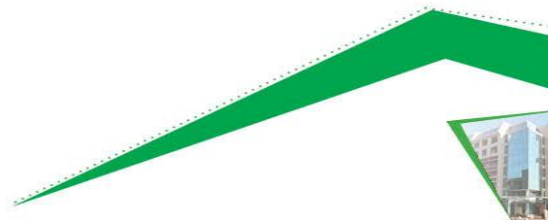
Section 6	
Section 7	

B 12.0 Possession of site [12.1.5], practical completion [19.0; 20.0] and penalty [24.0]

Practical completion for the works as a Whole	Intended date of possession of the site Refer B17.0 [12.1.5; 12.2.22]	Period for inspection by the principal agent [19.3]	The date for practical completion shall be the period as indicated below from the date of possession of the site by the contractor [12.2.7; 24.1]	Penalty for late completion [24.1]
		working days	Period in months	Penalty amount per calendar day (excl. tax)

or where **sections** are applicable

Practical completion of a section of the works	Intended date of possession of the site Refer B17.0 [12.1.5; 12.2.22]	Period for inspection by the principal agent [19.3]	The date for practical completion shall be the period as indicated below from the date of possession of the site by the contractor [12.2.7; 24.1]	Penalty for late completion [24.1]
		Working days	Period in months	Penalty amount per calendar day (excl. tax)
Section 1				
Section 2				
Section 3				
Section 4				
Section 5				
Section 6				
Section 7				
Section 8				
Remainder of the				



Criteria to achieve practical completion not covered in the definition of practical completion

B 13.0 Defects liability period [21.0]

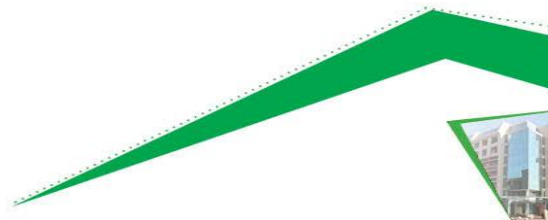
Extended defects liability period: Refer B17.0 [21.13]	Yes / No?	Yes
If yes, description of applicable elements	All works	

B 14.0 Payments [25.0]

Date of month for issue of regular payment certificates [25.2]			
Contract price adjustment / Cost fluctuations [25.3.4; 26.9.5]	Yes / No?		Base date = Tender closing date
If yes, method to calculate			
Employer shall pay the contractor within: [25.10]			

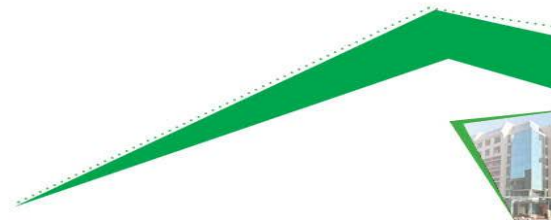
B 15.0 Dispute resolution [30.0]

Adjudication [30.6.1; 30.10] Name of nominating body		
Applicable rules for adjudication [30.6.2]		
Arbitration [30.7.4; 30.10]	Yes / No?	No
If Yes, name of nominating body		
*If No, then dispute will be referred to litigation		
Applicable rules for arbitration [30.7.5]	N/A	



B 16.0 JBCC® General Preliminaries – selections

Provisional bills of quantities [B2.2]		Yes / No?	
Availability of construction information – is the construction information complete? [B2.3]		Yes / No?	
Previous work - dimensional accuracy - details of previous contract(s) [B3.1]			
Previous work - defects - details of previous contract(s) [B3.2]			
Inspection of adjoining properties - details [B3.3]			
Handover of site in stages - specific requirements [B4.1]			
Enclosure of the works - specific requirements [B4.2]			
Geotechnical and other investigations - specific requirements [B4.3]			
Existing premises occupied - details [B4.5]			
Services - known - specific requirements [B4.6]			
Water [B8.1]	By contractor	Yes / No?	
	By employer	Yes / No?	
	By employer – metered	Yes / No?	
Electricity [B8.2]	By contractor	Yes / No?	
	By employer	Yes / No?	
	By employer – metered	Yes / No?	
Ablution and welfare facilities [B8.3]	By contractor	Yes / No?	
	By employer	Yes / No?	
Communication facilities - specific requirements [B8.4]			
Protection of the works - specific requirements [B11.1]			
Protection / isolation of existing works and works occupied in sections - specific requirements [B11.2]			
Disturbance - specific requirements [B11.5]			



Environmental disturbance - specific requirements [B11.6]	
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B 17.0 Changes made to JBCC® documentation

Reference may be made to other documents forming part of this agreement
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1.1 Definitions

AGREEMENT: The completed Form of Offer and Acceptance, the completed **JBCC®** Principal Building Agreement and **JBCC® contract data for organs of state and other public sector bodies, the contract drawings, the priced document** and any other documents reduced to writing and signed by the authorised representatives of the **parties**

CONSTRUCTION PERIOD: The period commencing on the date of possession of the **site** by the **contractor** and ending on the date of **practical completion**

CONTRACT DATA FOR ORGANS OF STATE AND OTHER PUBLIC SECTOR BODIES: The document listing the Organs of State and other Public Sector Bodies' requirements and the project specific information

INTEREST: The interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999), calculated as simple interest, in respect of debts owing to the State, and will be the rate as determined by the Minister of Justice and Constitutional Development from time to time 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999), calculated as simple interest, in respect of debts owing by the State

PRINCIPAL AGENT: The person or entity appointed by the **employer** and named in the **contract data for organs of state and other public sector bodies**. In the event of a principal agent not being appointed, then all the duties and obligations of a **principal agent** as detailed in the **agreement** shall be fulfilled by the employer's representative as named in the **contract data for organs of state and other public sector bodies**

3.0 Offer and Acceptance

Amend 3.3 to read as follows:

This **agreement** shall come into force on the date as stated on the Form of Offer and Acceptance and continue to be of force and effect until the end of the **latent defect's** liability period [22.0] notwithstanding termination [29.0] or the certification of **final completion** [21.0] and final payment [25.0]

6.0 Employer's Agents

Add the following as 6.7:

In terms of the clauses listed hereunder, the **employer** has retained its authority and has not given a mandate to the **principal agent**. The **employer** shall sign all documents in relation to clauses 4.2, 14.1.2, 14.1.4, 14.4.1, 14.6, 23.1, 23.2, 23.3, 23.7, 23.8, 26.1, 26.7, 26.12 and 28.4

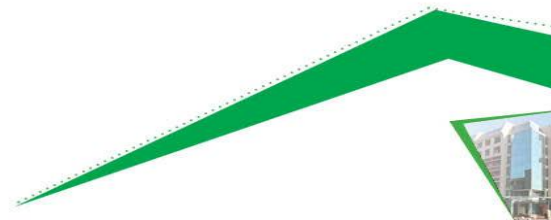
9.0 Indemnities

9.2.7: Add the following to the end of the first sentence: "... due to no fault of the **contractor**"

10.0 Insurances

Add the following as 10.1.5.1:

Hi risk Insurance



In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable sub-surface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.1.5.1.1 Damage to **the works**

The contractor shall, from the date of possession of the **site** until the date of the **certificate of practical completion**, bear the full risk of and hereby indemnifies and holds harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The **contractor** shall take such precautions and security measures and other steps for the protection of the **works** as he may deem necessary

When so instructed to do so by the **principal agent**, the **contractor** shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**, at the **contractor's** own costs

10.1.5.1.2 Injury to persons or loss of or damage to property

The **contractor** shall be liable for and hereby indemnifies and holds harmless the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property, or personal property, or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract

10.1.5.1.3

It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.1.5.1.1 and 10.1.5.1.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty-one (21) **calendar days** of the date of possession of the site, but before commencement of the **works**, submit to the **employer** proof of such insurance policy, if requested to do so

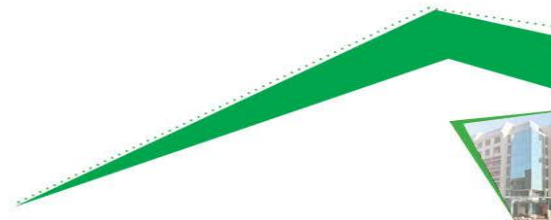
10.1.5.1.4

The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the **contractor's** default of his obligations as set out in 10.1.5.1.1; 10.1.5.1.2 and 10.1.5.1.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the **employer** and the **contractor** and for this purpose all these contracts shall be considered one indivisible whole

11.0 Securities

Amend 11.10 to read as follows:

There shall be no lien or right of retention held by any **contractor** in respect of the works executed on **site**



12.0 Obligations of the Parties

Amend 12.1.5 to read as follows:

Give possession of the **site** to the **contractor** within ten (10) **working days** of the contractor complying with the terms of 12.2.22

12.2.2: Not applicable

Add the following as 12.2.22:

Within fifteen (15) **working days** of the date of the **agreement** submit to the **principal agent** an acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)

19.0 Practical Completion

19.5: Delete the words “subject to the **contractor’s** lien or right of continuing possession of the **works** where this has not been waived”

21.0 Defects Liability Period and Final Completion

Add the following as 21.13:

The ninety (90) **calendar days** defects liability period for the **works** [21.1] is replaced with a period of three hundred and sixty-five (365) **calendar days** in respect of the listed applicable elements

25.0 Payment

25.7.5: Not applicable

25.10: Delete the words “and/or **compensatory interest**”

25.14.2: Not applicable

27.0 Recovery of Expense and/or Loss

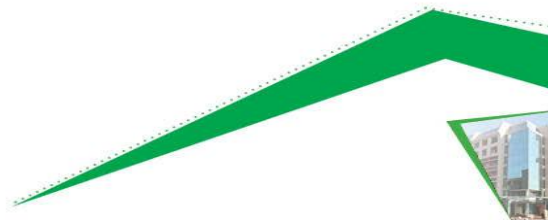
27.1.5: Not applicable

29.0 Termination

Add the following after 29.1.3: or where ...

29.1.4: The **contractor’s** estate has been sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa

29.1.5: The **contractor** has engaged in corrupt or fraudulent practices in competing for or in executing the contract



C TENDERER'S SELECTIONS

C 1.0 Security [11.0]

Guarantee for construction: Select Option A or B	Option:	
Option A		
Option B		
Guarantee for payment by employer [11.5.1; 11.10]		
Advance payment, subject to a guarantee for advance payment [11.2.2; 11.3]		

C 2.0 Contractor's annual holiday periods during the construction period

Year 1 contractor's annual holiday period	start date		end date	
Year 2 contractor's annual holiday period	start date		end date	
Year 3 contractor's annual holiday period	start date		end date	

C 3.0 Payment of preliminaries [25.0]

Contractor's selection: Select Option A or B	Option:	
Where the contractor does not select an option, Option A shall apply		

Payment methods

Option A	The preliminaries shall be paid in accordance with an amount prorated to the value of the works executed in the same ratio as the amount of the preliminaries to the contract sum , which contract sum shall exclude the amount of preliminaries . Contingency sum(s) and any provision for cost fluctuations shall be excluded for the calculation of the aforesaid ratio
Option B	The preliminaries shall be paid in accordance with an amount agreed by the principal agent and the contractor in terms of the priced document to identify an initial establishment charge, a time-related charge and a final dis-establishment charge. Payment of the time-related charge shall be assessed by the principal agent and adjusted from time to time as may be necessary to take into account the rate of progress of the works

Lump sum contract

Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations

C 4.0 Adjustment of preliminaries [26.9.4]

Contractor's selection: Select Option A or B	Option:	
Where the contractor does not select an option, Option A shall apply		

Provision of particulars

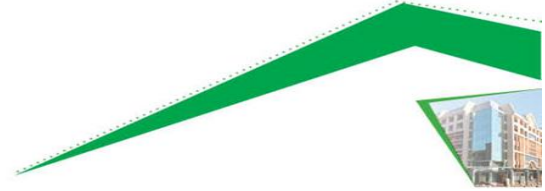
The **contractor** shall provide the particulars for the purpose of the adjustment of **preliminaries** in terms of his selection. Where completion in sections **is** required, the contractor shall provide an apportionment of **preliminaries** per **section**

Option A	An allocation of the preliminaries amounts into Fixed, Value-related and Time-related amounts as defined for adjustment method Option A below, within fifteen (15) working days of the date of acceptance of the tender
Option B	A detailed breakdown of the preliminaries amounts within fifteen (15) working days of possession of the site. Such breakdown shall include, inter alia, the administrative and supervisory staff, the use of construction equipment , establishment and dis-establishment charges, insurances and guarantees, all in terms of the programme

Adjustment Methods

The amount of **preliminaries** shall be adjusted to take account of the effect which changes in time and/or value have on **preliminaries**. Such adjustment shall be based on the particulars provided by the **contractor** for this purpose in terms of Options A or B, shall preclude any further adjustment of the amount of **preliminaries** and shall apply notwithstanding the actual employment of resources by the **contractor** in the execution of the **works**

Option A	The preliminaries shall be adjusted in accordance with the allocation of preliminaries amounts provided by the contractor, apportioned to sections where completion in sections is required Fixed - An amount which shall not be varied Value-related - An amount varied in proportion to the contract value as compared to the contract sum. Both the contract sum and the contract value shall exclude the amount of preliminaries, contingency sum(s) and any provision for cost fluctuations Time-related - An amount varied in proportion to the number of calendar days extension to the date of practical completion to which the contractor is entitled with an adjustment of the contract value [23.2; 23.3] as compared to the number of calendar days in the initial construction period [26.9.4]
Option B	The adjustment of preliminaries shall be based on the number of calendar days extension to the date of practical completion to which the contractor is entitled with an adjustment of the contract value [23.2; 23.3] as compared to the number of calendar days in the initial construction period [26.9.4] The adjustment shall take into account the resources as set out in the detailed breakdown of the preliminaries for the period of construction during which the delay occurred

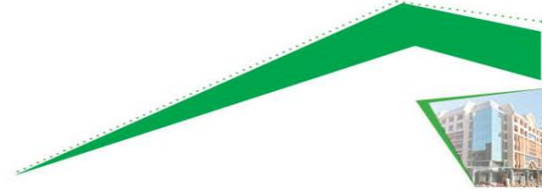


Failure to provide particulars within the period stated

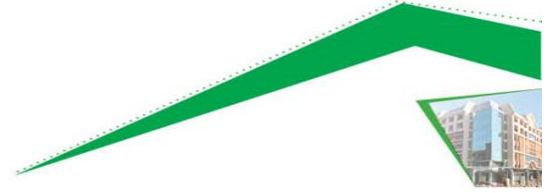
Option A	Where the allocation of preliminaries amounts for Option A is not provided, the following allocation of preliminaries amounts shall apply: Fixed - Ten per cent (10%) Value-related - Fifteen per cent (15%) Time-related - Seventy-five per cent (75%) Where the apportionment of the preliminaries per section is not provided, the categorized amounts shall be prorated to the cost of each section within the contract sum as determined by the principal agent
Option B	Where the detailed breakdown of preliminaries amounts for Option B is not provided, Option A shall apply

Lump sum contract

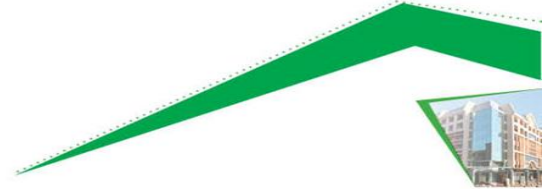
Where the amount of **preliminaries** is not provided it shall be taken as 7.5% (seven and a half per cent) Of the **contract sum**, excluding contingency sum(s) and any provision for cost fluctuations



PART C1.3: DISPUTE RESOLUTION MECHANISM



C1.3 CIDB ADJUDICATOR'S AGREEMENT



This agreement is made on the day of between:.....
 (name of company / organization) of
 (address) and..... (name of
 company / organization) of
 (address) (the
 Parties) and..... (name) of
 (address) (the Adjudicator).

Disputes or differences may arise/have arisen* between the Parties under a Contract dated
 and known as.....
 and these disputes or differences shall be/have been* referred to adjudication in accordance with the
 CIDB Adjudication Procedure, (hereinafter called "the Procedure") and the Adjudicator may be or has
 been requested to act.

* Delete as necessary

IT IS NOW AGREED as follows:

- 1 The rights and obligations of the Adjudicator and the Parties shall be as set out in the Procedure.
- 2 The Adjudicator hereby accepts the appointment and agrees to conduct the adjudication in accordance with the Procedure.
- 3 The Parties bind themselves jointly and severally to pay the Adjudicator's fees and expenses in accordance with the Procedure as set out in the Contract Data.
- 4 The Parties and the Adjudicator shall at all times maintain the confidentiality of the adjudication and shall endeavour to ensure that anyone acting on their behalf or through them will do likewise, save with the consent of the other Parties which consent shall not be unreasonably refused.
- 5 The Adjudicator shall inform the Parties if he intends to destroy the documents which have been sent to him in relation to the adjudication and he shall retain documents for a further period at the request of either Party.

SIGNED by: _____
 Name: _____
 who warrants that he / she is duly
 authorized to sign for and on
 behalf of the first Party in the
 presence of

SIGNED by: _____
 Name: _____
 who warrants that he / she is
 duly authorized to sign for and
 behalf of the second Party in
 the presence of

SIGNED by: _____
 Name: _____
 the Adjudicator in the presence
 of

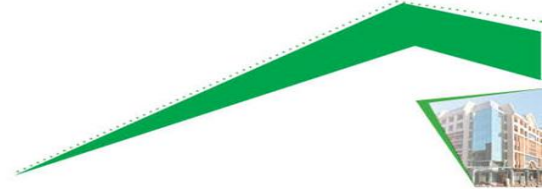


Witness: _____	Witness: _____	Witness: _____
Name: _____	Name: _____	Name: _____
Address: _____	Address: _____	Address: _____
 Date: _____	 Date: _____	 Date: _____

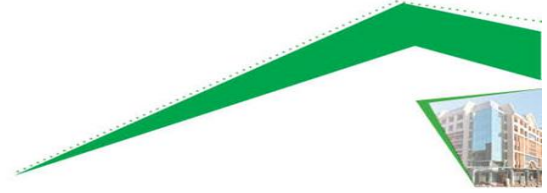
Contract Data

1	The Adjudicator shall be paid at the hourly rate of R. in respect of all time spent upon, or in connection with, the adjudication including time spent travelling.
2	The Adjudicator shall be reimbursed in respect of all disbursements properly made including, but not restricted to: (a) Printing, reproduction and purchase of documents, drawings, maps, records and photographs. (b) Telegrams, telex, faxes, and telephone calls. € Postage and similar delivery charges. (d) Travelling, hotel expenses and other similar disbursements. € Room charges. (f) Charges for legal or technical advice obtained in accordance with the Procedure.
3	The Adjudicator shall be paid an appointment fee of R. This fee shall become payable in equal amounts by each Party within days of the appointment of the Adjudicator, subject to an Invoice being provided. This fee will be deducted from the final statement of any sums which shall become payable under item 1 and/or item 2 of the Contract Data. If the final statement is less than the appointment fee the balance shall be refunded to the Parties.
4	The Adjudicator is/is not* currently registered for VAT.
5	Where the Adjudicator is registered for VAT it shall be charged additionally in accordance with the rates current at the date of invoice.
6	All payments, other than the appointment fee (item 3) shall become due in 30 days after receipt of invoice, thereafter interest shall be payable at 5% per annum above the Reserve Bank base rate for every day the amount remains outstanding.

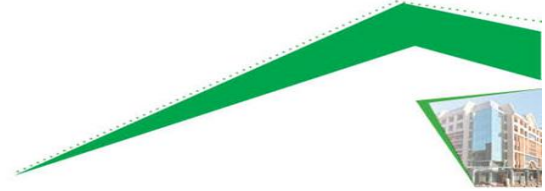
* Delete as necessary



PART C2 PRICING DATA

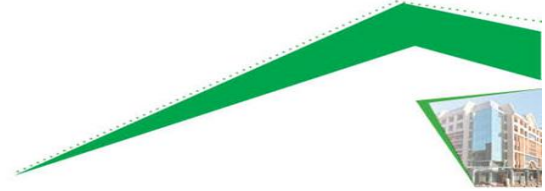


PART C2.1: PRICING INSTRUCTIONS

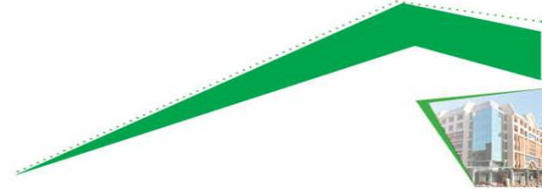


C2.1 Pricing Instructions

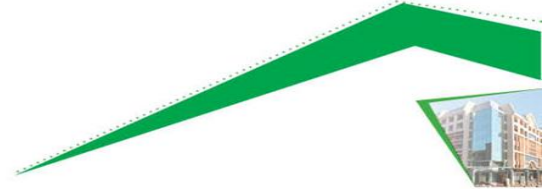
- 1 The Bills of Quantities have been drawn up in accordance with the Standard System of Measuring Building Work as amended) published and issued by the Association of South African Quantity Surveyors (Sixth Edition (Revised)), 1999. Where applicable the:
 - a) Civil engineering work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardised Specifications for Civil Engineering Works.
 - b) Mechanical work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardised Specifications for Mechanical Engineering Works.
 - c) Electrical work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardised Specifications for Electrical Engineering Works.
- 2 The agreement is based on the JBCC Edition 6.2 of 2018 with amendments from JBCC Edition 4.1, prepared by the Joint Building Contracts Committee, The additions, deletions and alterations to the JBCC Principal Building Agreement as well as the contract specific variables are as stated in the Contract Data. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.
- 3 Preliminary and general requirements are based on the [preliminaries for the use of JBCC Edition 6.2– May 2018](#). Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.
- 4 It will be assumed that prices included in the Bills of Quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders. (Refer to www.stanza.org.za or www.iso.org for information on standards).
- 5 The drawings listed in the Scope of Works used for the setting up of these Bills of Quantities are kept by the Principal Agent or Engineer and can be viewed at any time during office hours up until the completion of the works.
- 6 Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted.
- 7 The bills of quantities forms part of and must be read and priced in conjunction with all the other documents forming part of the contract document, The Standard Conditions of Tender, Conditions of Contract, Specifications, Drawings, The document “Construction Works: Specifications: General Specification (PW371-A) Edition 2.0” is obtainable on the Department’s website (<http://www.publicworks.gov.za/> under “Consultants Guidelines”), and shall be read in conjunction with the **bills of quantities** / lump sum document and be referred to for the full descriptions of work to be done and materials to be used The document “Construction Works: Specifications: Particular Specification (PW371-B) Edition 2.0” is issued together with the drawings and shall be read in conjunction with the drawings and the **bills of quantities** / lump sum document



- 8 Where any item is not relevant to this specific contract, such item is marked N/A (signifying “not applicable”)
- 9 The Contract Data and the standard form of contract referenced therein must be studied for the full extent and meaning of each and every clause set out in Section 1 (Preliminaries) of the Bills of Quantities
- 10 The Bills of Quantities is not intended for the ordering of materials. Any ordering of materials, based on the Bills of Quantities, is at the Contractor’s risk.
- 11 The amount of the Preliminaries to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the same ratio as the preliminaries bears to the total of prices excluding any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract.
- 12 Where the initial contract period is extended, the monthly charge shall be calculated on the basis as set out in 11 but taking into account the revised period for completing the works.
- 13 The amount or items of the Preliminaries shall be adjusted to take account of the theoretical financial effect which changes in time or value (or both) have on this section. Such adjustments shall be based on adjustments in the following categories as recorded in the Bills of Quantities:
 - a) an amount which is not to be varied, namely Fixed (F)
 - b) an amount which is to be varied in proportion to the contract value, namely Value Related (V); and
 - c) an amount which is to be varied in proportion to the contract period as compared to the initial construction period excluding revisions to the construction period for which no adjustment to the contractor is not entitled to in terms of the contract, namely Time Related (T).
- 14 Where no provision is made in the Bills of Quantities to indicate which of the three categories in 13 apply or where no selection is made, the adjustments shall be based on the following breakdown:
 - a) 10 percent is Fixed
 - b) 15 percent is Value Related
 - c) 75 percent is Time Related
- 15 The adjustment of the Preliminaries shall apply notwithstanding the actual employment of resources in the execution of the works. The contract value used for the adjustment of the Preliminaries shall exclude any contingency sum, the amount for the Preliminaries and any amount in respect of contract price adjustment provided for in the contract. Adjustments in respect of any staged or sectional completion shall be prorated to the value of each section.
- 16 The tender price must include Value Added Tax (VAT). All rates, provisional sums, etc. in the bills of quantities must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereof in the Final Summary.
- 17 The Contractor shall adhere to “The national minimum wage determined by the Minister in accordance with the National Minimum Wage Act (NMWA)”, and yearly pronounced increases for duration of contract.



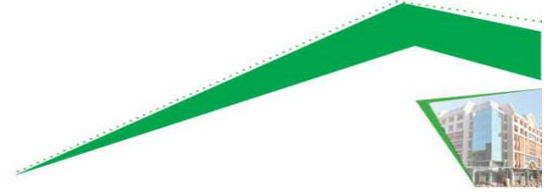
**CONSTRUCTION HEALTH AND SAFETY
REQUIREMENTS AND REGULATIONS
*AWARDED TENDERER WILL BE REQUIRED TO COMPLY
WILL ALL OCCUPATIONAL HEALTH AND SAFETY
REQUIREMENTS.***



EPWP REQUIREMENTS AND SPECIFICATION

***AWARDED TENDERER WILL BE REQUIRED TO ADHERE TO
ALL EPWP SEPECIFICATIONS AND REQUIREMENTS.
FOR FULL SPECIFICATION AND REQUIREMENTS VISIT:***

www.epwp.gov.za



PART C2.3: BILLS OF QUANTITIES (SEE ANNEXURE A)

**CLUSTER BOQ FOR
3 FACILITIES
IN ANZHD**

Item	Description	Uom	Quantity	Rate	Amount
	SECTION NO. 1 BILL NO. 1 PRELIMINARIES MEANING OF TERMS "TENDER / TENDERER" Any reference to the words "Tender" or "Tenderer" herein and/or in any other documentation shall be construed to have the same meaning as the words "Bid" or "Bidder" PRELIMINARIES The JBCC Preliminaries for use with the JBCC Principal Building Agreement Edition 6.2 Code is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under each relevant clause. Where an item is not relevant to this specific contract such item is marked. "N/A" signifying "Not Applicable" PRICING OF PRELIMINARIES Should Option A, as set out in clause B10.3.1 hereinafter be used for the adjustment of preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value Related or Time Related and the respective amounts entered in the spaces provided under each item Items not priced in these Preliminaries shall be deemed to be included elsewhere in these Bills of Quantities. SECTION A: JBCC PRINCIPAL BUILDING AGREEMENT DEFINITIONS 1 A1.0 DEFINITIONS AND INTERPRETATION Clause 1.0 Clause 1.1 Definition of "Commencement Date" is added: COMMENCEMENT DATE means the date possession of the site is given to the contractor Clause 1.1 Definition of "Construction Period" is amended by replacing it with the following: CONSTRUCTION PERIOD means the period commencing on the commencement date and ending on the date of practical completion Clause 1.1 "Corrupt Practice" is added: CORRUPT PRACTICE means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution Clause 1.1 Definition of "Fraudulent Practice" is added: FRAUDULENT PRACTICE means a misrepresentation of facts in order to influence a procurement process or the				

	execution of a contract to the detriment of any tenderer and includes collusive practice among tenderers (prior to or after the tender submission) designed to establish tender prices at artificial non-competitive levels and to deprive the tenderer of the benefits of free and open competition Clause 1.1 Definition of "Interest" is amended by replacing it with the following: INTEREST means the interest rates applicable on this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of 80(1)(b) of the Public Finance Management Act, 1999 (Act No.1 of 1999). Clause 1.1 Definition of "Principal Agent" is amended by replacing it with the following: PRINCIPAL AGENT means the person or entity appointed by the employer and named in the schedule. In the event of a principal agent not being appointed, then all the duties and obligations of a principal agent as detailed in the agreement shall be fulfilled by a representative of the employer as amended in the schedule Clause 1.1 Definition of "Security" is amended by replacing it with the following: SECURITY means the form of security provided by the employer of contractor, as stated in the schedule, from which the contractor or employer may recover expense or loss Clause 1.6 is amended by replacing the words "prepaid registered post, telefax or e-mail" with "prepaid registered post or telefax" or telefax" Clause 1.6.4 is amended by replacing it with the following: No clause Fixed: _____ Value related: _____ Time related: _____ OBJECTIVE AND PREPARATION 2 A2.0 OFFER, ACCEPTANCE AND PERFORMANCE Clause 2.0 Fixed: _____ Value related: _____ Time related: _____ 3 A3.0 DOCUMENTS Clause 3.0 Clause 3.2.1 is amended by replacing "14.1" with "14.0" Clause 3.7 is amended by the addition of the following: The contractor shall supply and keep a copy of the JBCC Series 2000 Principal Building Agreement and Preliminaries applicable to this contract on the site, to which the employer, principal agent and agents shall have access at all times Clause 3.10 is amended by replacing the second reference to "principal agent" with the word "employer" Fixed: _____ Value related: _____ Time related: _____ 5 A5.0 EMPLOYERS AGENTS Clause 5.0 Clause 5.1.2 is amended to include clauses 32.6.3, 34.3, 34.4 and 38.5.8 Fixed: _____ Value related: _____ Time related: _____	Item Item Item Item	1 1 1 1	
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6	A6.0 SITE REPRESENTATIVE Clause 6.0 Fixed: _____ Value related: _____ Time related: _____	Item	1		
7	A7.0 COMPLIANCE WITH REGULATIONS Clause 7.0 Note: A separate clause has been included in Section C: Specific Preliminaries of the bills of quantities / lump sum document for the contractor to have the opportunity to price for all the requirements of the Occupational Health and Safety Act, Construction Regulations and Health and Safety specification Fixed: _____ Value related: _____ Time related: _____	Item	1		
8	A8.0 WORKS RISK Clause 8.0 Fixed: _____ Value related: _____ Time related: _____	Item	1		
9	A9.0 INDEMNITIES Clause 9.0 Fixed: _____ Value related: _____ Time related: _____	Item	1		
10	A10 WORKS INSURANCES Clause 10.0 Clause 10.0 is amended by the addition of the following clauses: 10.5 Damage to the Works (a) Without in any way limiting the contractors obligations in terms of the contract, the contractor shall bear the full risk of damage to and/or destruction of the works by whatever cause during construction of the works and hereby indemnifies and holds harmless the employer against any such damage. The contractor shall take such precautions and security measures and other steps for the protection and security of the works as the contractor may deem necessary (b) The contractor shall at all times proceed immediately to remove or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works (C) The employer shall carry the risk of damage to or destruction of the works and material paid for by the employer that is the result of the excepted risks as set out in 10.6 (d) Where the employer bears the risk in terms of this contract, the contractor shall, if requested to do so, reinstate any damaged or destroyed portions of the works and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof 10.6 Injury to Persons or loss of or damage to Properties (a) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the works unless due to any act or neglect of any person for whose actions the employer is legally liable				

(b) The contractor shall be liable for and hereby indemnifies the employer against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person, arising out of or in the course of or by reason of the execution of the works unless due to any act or neglect of any person for whose actions the employer is legally liable

(C) The contractor shall, upon receiving a contract instruction from the principal agent, cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the employer shall be entitled to cause it to be made good and to recover the cost thereof from the contractor or to deduct the same from amounts due to the contractor

(d) The contractor shall be responsible for the protection and safety of such portions of the premises placed under his control by the employer for the purpose of executing the works until the issue of the certificate of practical completion

(e) Where the execution of the works involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the contractor shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the works has been completed

(f) The contractor shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and/or repair such property and to execute the works

10.7 High risk insurance

In the event of the project being executed in a geological area classified as a High Risk Area, that is an area which is subject to highly unstable subsurface conditions that might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.7.1 Damage to the works

The contractor shall, from the commencement date of the works until the date of the certificate of practical completion bear the full risk of and hereby indemnifies and holds harmless the employer against any damage to and/or destruction of the works consequent upon a catastrophic ground movement as mentioned above. The contractor shall take such precautions and security measures and other steps for the protection of the works as he may deem necessary

When so instructed to do so by the principal agent, the contractor shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the works and to rebuild, restore, replace and/or repair the works, at the contractors own costs

	10.7.2 Injury to persons or loss of or damage to property The contractor shall be liable for and hereby indemnifies and holds harmless the employer against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above The contractor shall be liable for and hereby indemnifies the employer against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable or immovable or personal property or property contiguous to the site, whether belonging to or under the control of the employer or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of the contract 10.7.3 It is the responsibility of the contractor to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the contractors obligations in terms of the contract, the contractor shall, within twenty one (21) calendar days of the commencement date but before commencement of the works, submit to the employer proof of such insurance policy, if requested to do so 10.7.4 The employer shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred consequent upon the contractors default of his obligations as set out in 10.7.1; 10.7.2 and 10.7.3. Such losses or damages may be recovered from the contractor or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the employer and the contractor and for this purpose all these contracts shall be considered one indivisible whole Fixed: _____ Value related: _____ Time related: _____	Item	1	
11	A11.0 LIABILITY INSURANCES Clause 11.0 Fixed: _____ Value related: _____ Time related: _____	Item	1	
12	A12.0 EFFECTING INSURANCES Clause 12.0 Fixed: _____ Value related: _____ Time related: _____	Item	1	
13	A13.0 No clause	N/A		
14	A14 SECURITY Clause 14.0 Clauses 14.1 - 14.8 are amended by replacing them with the following 14.1 In respect of contracts with a contract sum up to R1 million, the security to be submitted by the contractor to the employer will be as a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) 14.1.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(A)			

14.1.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employers entitlement shall take precedence over his obligations to refund the payment reduction security or portions thereof to the contractor 14.2 In respect of contracts with a contract sum above R1 million, the contractor shall have the right to select the security to be provided in terms of 14.3, 14.4, 14.5, 14.6, or 14.7 as stated in the schedule. Such security shall be provided to the employer within twenty one (21) calendar days from commencement date. Should the contractor fail to select the security to be provided or should the contractor fail to provide the employer with the selected security within twenty one (21) calendar days from commencement date, the security in terms of 14.7 shall be deemed to have been selected 14.3 Where security as a cash deposit of ten per cent (10%) of the contract sum (excluding VAT) has been selected: 14.3.1 The contractor shall furnish the employer with a cash deposit equal in value to ten per cent (10%) of the contract sum (excluding VAT) within twenty one (21) calendar days from commencement date 14.3.2 Within twenty one (21) calendar days of the date of practical completion of the works the employer shall reduce the cash deposit to an amount equal to three per cent (3%) of the contract value (excluding VAT), and refund the balance to the contractor 14.3.3 Within twenty one (21) calendar days of the date of final completion of the works the employer shall reduce the cash deposit to an amount equal to one per cent (1%) of the contract value (excluding VAT) and refund the balance to the contractor 14.3.4 On the date of payment of the amount in the final payment certificate, the employer shall refund the remainder of the cash deposit to the contractor 14.3.5 The employer shall be entitled to recover expense and loss from the cash deposit in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employers entitlement shall take precedence over his obligations to refund the cash deposit security or portions thereof to the contractor 14.3.6 The parties expressly agree that neither the employer nor the contractor shall be entitled to cede the rights to the deposit to any third party 14.4 Not Applicable 14.5 Where security as a fixed construction guarantee of five per cent (5%) of the contract sum (excluding VAT) and a five per cent (5%) payment reduction of the value certified in the payment certificate (excluding VAT) has been selected: 14.5.1 The contractor shall furnish a fixed construction guarantee to the employer equal in value to five per cent (5%) of the contract sum (excluding VAT) 14.5.2 The fixed construction guarantee shall come into force on the date of issue and shall expire on the date of practical completion 14.5.3 The employer shall return the fixed construction guarantee to the contractor within fourteen (14) calendar days of it expiring			
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	14.5.4 The payment reduction of the value certified in a payment certificate shall be in terms of 31.8 (A) and 34.8 14.5.5 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer shall be entitled to issue a written demand in terms of the fixed construction guarantee or may recover from the payment reduction or may do both 14.6 Where security as a cash deposit of five per cent (5%) of the contract sum (excluding VAT) and a payment reduction of five per cent (5%) of the value certified in the payment certificate (excluding VAT) has been selected: 14.6.1 The contractor shall furnish the employer with a cash deposit equal in value to five per cent (5%) of the contract sum (excluding VAT) within twenty one (21) calendar days from commencement date 14.6.2 Within twenty one (21) calendar days of the date of practical completion of the works the employer shall refund the cash deposit in total to the contractor 14.6.3 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(A) 14.6.4 Where the employer has a right of recovery against the contractor in terms of 33.0, the employer may issue a written notice in terms of 33.4 or may recover from the payment reduction or may do both 14.7 Where security as a payment reduction of ten per cent (10%) of the value certified in the payment certificate (excluding VAT) has been selected: 14.7.1 The payment reduction of the value certified in a payment certificate shall be mutatis mutandi in terms of 31.8(B) 14.7.2 The employer shall be entitled to recover expense and loss from the payment reduction in terms of 33.0 provided that the employer complies with the provisions of 33.4 in which event the employers entitlement shall take precedence over his obligations to refund the payment reduction or portions thereof to the contractor 14.8 Payments made by the guarantor to the employer in terms of the fixed or variable construction guarantee shall not prejudice the rights of the employer or contractor in terms of this agreement 14.9 Should the contractor fail to furnish the security in terms of 14.2, the employer, in his sole discretion and without notification to the contractor, is entitled to change the contractors selected form of security to that of a ten per cent (10%) payment reduction of the value certified in the payment certificate (excluding VAT), whereafter 14.7 shall be applicable Fixed: _____ Value related: _____ Time related: _____ EXECUTION 15 A15.0 PREPARATION FOR AND EXECUTION OF THE WORKS	Item	3	
		Item	3	

	Clause 15.0 Clause 15.1.1 is amended by replacing it with: No Clause Clause 15.1.2 is amended by replacing it with: The security selected in terms of 14.0 Clause 15.1 is amended by the addition of the following clause: 15.1.4 An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty one (21) calendar days from the commencement date Clause 15.2.1 is amended by replacing it with the following clause: Give the contractor possession of the site within ten (10) working days of the contractor complying with the terms of 15.1.4 Fixed:_____ Value related:_____ Time related:_____			
16	A16.0 ACCESS TO THE WORKS Clause 16.0 Fixed:_____ Value related:_____ Time related:_____	Item	3	
17	A17.0 CONTRACT INSTRUCTIONS Clause 17.0 Fixed:_____ Value related:_____ Time related:_____	Item	3	
18	A18.0 SETTING OUT OF THE WORKS Clause 18.0 Fixed:_____ Value related:_____ Time related:_____	Item	3	
19	A19.0 ASSIGNMENT Clause 19.0 Fixed:_____ Value related:_____ Time related:_____	Item	3	
20	A20.0 NOMINATED SUB-CONTRACTORS Clause 20.0 Clause 20.1.3 is amended by replacing it with the following: No Clause Note: See item B9.1 hereinafter for adjustment of attendance on nominated subcontractors executing work allowed for under provisional sums Fixed:_____ Value related:_____ Time related:_____	Item	3	
21	A21.0 SELECTED SUBCONTRACTORS Clause 21.0 Clause 21 is amended by replacing it with: No Clause Fixed:_____ Value related:_____ Time related:_____	Item	1	
22	A22.0 EMPLOYERS DIRECT CONTRACTORS Clause 22.0 Fixed:_____ Value related:_____ Time related:_____	Item	1	
23	A23.0 CONTRACTOR'S DOMESTIC SUBCONTRACTORS Clause 23.0 Fixed:_____ Value related:_____ Time related:_____	Item	1	

COMPLETION			
24	A24.0 PRACTICAL COMPLETION Clause 24.0 Fixed: _____ Value related: _____ Time related: _____	Item	3
25	A25.0 WORK'S COMPLETION Clause 25.0 Fixed: _____ Value related: _____ Time related: _____	Item	3
26	A26.0 FINAL COMPLETION Clause 26.0 Fixed: _____ Value related: _____ Time related: _____	Item	3
27	A27.0 LATENT DEFECTS LIABILITY PERIOD Clause 27.0 Fixed: _____ Value related: _____ Time related: _____	Item	3
28	A28.0 SECTIONAL COMPLETION Clause 28.0 Fixed: _____ Value related: _____ Time related: _____	Item	3
29	A29.0 REVISION OF DATE FOR PRACTICAL COMPLETION Clause 29.0 Fixed: _____ Value related: _____ Time related: _____	Item	1
30	A30.0 PENALTY FOR NON-COMPLETION Clause 30.0 Fixed: _____ Value related: _____ Time related: _____	Item	1
PAYMENT			
31	A31.0 INTERIM PAYMENT TO THE CONTRACTOR Clause 31.0 Clause 31.5.2 is amended by replacing "14.7.1" with "14.0" Clause 31.8 is amended by replacing it with the following two alternative clauses: Alternative A 31.8(A) Where a security is selected in terms of 14.1; 14.5 or 14.6, the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments: 31.8(A).1 Ninety-five per cent (95%) of such value in interim payment certificates issued up to the date of practical completion 31.8(A).2 Ninety seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion 31.8(A).3 Ninety nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6 31.8(A).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate Alternative B		

	31.8(B) Where security is a payment reduction in terms of 14.7 the value of the works in terms of 31.4.1 and materials and goods in terms of 31.4.2 shall be certified in full. The value certified shall be subject to the following percentage adjustments: 31.8(B).1 Ninety per cent (90%) of such value in interim payment certificates issued up to the date of practical completion 31.8(B).2 Ninety seven per cent (97%) of such value in interim payment certificates issued on the date of practical completion and up to but excluding the date of final completion 31.8(B).3 Ninety nine per cent (99%) of such value in interim payment certificates issued on the date of final completion and up to but excluding the final payment certificate in terms of 34.6 31.8(B).4 One hundred per cent (100%) of such value in the final payment certificate in terms of 34.6 except where the amount certified is in favour of the employer. In such an event the payment reduction shall remain at the adjustment level applicable to the final payment certificate Clause 31.12 is amended by deleting the following: Payment shall be subject to the employer giving the contractor a tax invoice for the amount due Fixed: _____ Value related: _____ Time related: _____			
32	A32 ADJUSTMENT TO THE CONTRACT VALUE Clause 32.0 Clauses 32.5.1, 32.5.4 and 32.5.7 are amended by the addition of the following at the end of the sentence: due to no fault of the contractor Fixed: _____ Value related: _____ Time related: _____	Item	1	
	A33.0 RECOVERY OF EXPENSE AND LOSS Clause 33.0 Fixed: _____ Value related: _____ Time related: _____	Item	1	
33	A34.0 FINAL ACCOUNT AND FINAL PAYMENT Clause 34.0 Clause 34.1 is amended by removing "#" next to 34.1 Clause 34.2 is amended by inserting "#" next to 34.2 Clause 34.8 is amended by deleting the words "where security as a fixed construction guarantee in terms 14.4 has been selected or payment reduction has been applied in terms of 14.7.1" Clause 34.13 is amended by replacing seven (7) calendar days with twenty one (21) calendar days and deleting the words subject to the employer giving the contractor a tax invoice for the amount due Fixed: _____ Value related: _____ Time related: _____	Item	1	
34	A35.0 PAYMENT TO OTHER PARTIES Clause 35.0 Fixed: _____ Value related: _____ Time related: _____	Item	1	
	CANCELLATION A36 CANCELLATION BY EMPLOYER - CONTRACTORS DEFAULT Clause 36.0 Clause 36.3 is amended by removing the reference to No clause and replacing the words principal agent with employer Clause 36.0			
35	Clause 36.1 is amended by the addition of the following clauses:			

	36.1.3 refuses or neglects to comply strictly with any of the conditions of contract 36.1.4 estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force within the Republic of South Africa 36.1.5 in the judgement of the employer, has engaged in corrupt or fraudulent practices in competing for or executing the contract Clause 36.6 is amended by removing the reference to "No clause" and replacing the words "principal agent" with "employer" Clause 36.0 is amended by the addition of the following clause: 36.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____ 36 A37.0 CANCELLATION BY EMPLOYER - LOSS AND DAMAGE Clause 37.0 Clause 37.0 Clause 37.3.5 is amended by replacing "ninety (90)" with "one hundred and twenty (120)" Clause 37.0 is amended by the addition of the following clause: 37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____ 37 A38.0 CANCELLATION BY CONTRACTOR - EMPLOYERS DEFAULT Clause 38.0 Clause 38.5.4 is amended by replacing "ninety (90)" with "one hundred and twenty (120)" Clause 38.0 is amended by the addition of the following clause: 38.7 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the employer or the contractor; or for any reason whatsoever, the contractor shall on written instruction, discontinue with the works on a date stated and withdraw himself from the site. The contractor shall not be entitled to refuse to withdraw from the works on the grounds of any lien or right of retention or on the grounds of any other right whatsoever Fixed: _____ Value related: _____ Time related: _____ 38 A39.0 CESSATION - CANCELLATION OF THE WORKS Clause 39.0 Clause 39.3.5 as amended by the addition of the following at the end of the sentence: "within one hundred and twenty (120) working days of completion of such report" Fixed: _____ Value related: _____ Time related: _____	Item 1 Item 1 Item 1 Item 1		
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39	DISPUTE A40 DISPUTE SETTLEMENT Clause 40.0 Clause 40.2.2 is amended by replacing one (1) year with three (3) years Clause 40.6 is amended by removing the reference to: No clause Clause 40.7.1 is amended by replacing (10) with (15) and by the addition of the following: Whether or not mediation resolves the dispute, the parties shall bear their own cost concerning the mediation and equally share the costs of the mediator and related costs Fixed: _____ Value related: _____ Time related: _____	Item	1	
	SUBSTITUTE PROVISIONS A41.0 STATE CLAUSES Clause 41.0 Fixed: _____ Value related: _____ Time related: _____	Item	1	
40	CONTRACT VARIABLES THE SCHEDULE (C1.2 CONTRACT DATA)			
	A42.0 PRE-TENDER INFORMATION Clause 42.0 Tenderers are referred to the document C1.2 Contract Data for variables pertaining to the contract Fixed: _____ Value related: _____ Time related: _____	Item	1	
41	SECTION B: JBCC PRELIMINARIES B1.0 DEFINITIONS AND INTERPRETATION B1.1 Definitions and interpretation See also clause A1.0 of Section A for additional and/or amended definitions which shall apply equally to this Section Fixed: _____ Value related: _____ Time related: _____	Item	1	
	B2.0 DOCUMENTS			
42	B2.1 Checking of documents Fixed: _____ Value related: _____ Time related: _____	Item	1	
43	B2.2 Provisional bills of quantities Fixed: _____ Value related: _____ Time related: _____	N/A		
44	B2.3 Availability of construction documentation Fixed: _____ Value related: _____ Time related: _____	Item	1	
45	B2.4 Interests of agents Fixed: _____ Value related: _____ Time related: _____	Item	1	
46	B2.5 Priced documents Fixed: _____ Value related: _____ Time related: _____	Item	1	
47	B2.6 Tender submission Clause 2.6 is amended by replacing JBCC Form of Tender with Form of Offer and Acceptance (see Returnable Schedules) Fixed: _____ Value related: _____ Time related: _____	Item	1	
	B3.0 THE SITE			
48	B3.1 Defined works area Fixed: _____ Value related: _____ Time related: _____	Item	3	

50	B3.2 Geotechnical investigation Fixed: _____ Value related: _____ Time related: _____	Item	3		
51	B3.3 Inspection of the site Tenderers shall complete the Site Inspection Certificate included in the tender documents and return the same with the tender submission. Fixed: _____ Value related: _____ Time related: _____	Item	3		
52	B3.4 Existing premises occupied Fixed: _____ Value related: _____ Time related: _____	Item	3		
53	B3.5 Previous work - dimensional accuracy Fixed: _____ Value related: _____ Time related: _____	Item	3		
54	B3.6 Previous work - defects Fixed: _____ Value related: _____ Time related: _____	Item	3		
55	B3.7 Services - known Fixed: _____ Value related: _____ Time related: _____	Item	3		
56	B3.8 Services - unknown Fixed: _____ Value related: _____ Time related: _____	Item	3		
57	B3.9 Protection of trees Fixed: _____ Value related: _____ Time related: _____	Item	3		
58	B3.10 Articles of value Fixed: _____ Value related: _____ Time related: _____	Item	3		
59	B3.11 Inspection of adjoining properties Fixed: _____ Value related: _____ Time related: _____	Item	3		
B4.0 MANAGEMENT OF CONTRACT					
60	B4.1 Management of the works Fixed: _____ Value related: _____ Time related: _____	Item	3		
61	B4.2 Programme for the works Fixed: _____ Value related: _____ Time related: _____	Item	3		
62	B4.3 Progress meetings Fixed: _____ Value related: _____ Time related: _____	Item	3		
63	B4.4 Technical meetings Fixed: _____ Value related: _____ Time related: _____	Item	3		
64	B4.5 Labour and plant records Fixed: _____ Value related: _____ Time related: _____	Item	3		
B5.0 SAMPLES, SHOP DRAWINGS AND MANUFACTURERS' INSTRUCTIONS					
65	B5.1 Samples of materials Fixed: _____ Value related: _____ Time related: _____	Item	1		
66	B5.2 Workmanship samples Fixed: _____ Value related: _____ Time related: _____	Item	1		

67	B5.3 Shop drawings Fixed: _____ Value related: _____ Time related: _____	Item	1		
68	B5.4 Compliance with manufacturers' instructions Fixed: _____ Value related: _____ Time related: _____	Item	1		
B6.0 TEMPORARY WORKS AND PLANT					
69	B6.1 Deposits and fees Fixed: _____ Value related: _____ Time related: _____	Item	1		
70	B6.2 Enclosure of the works Fixed: _____ Value related: _____ Time related: _____	Item	1		
71	B6.3 Advertising Fixed: _____ Value related: _____ Time related: _____	Item	1		
72	B6.4 Plant, equipment, sheds and offices Fixed: _____ Value related: _____ Time related: _____	Item	3		
73	B 6.5 Main notice board Fixed: _____ Value related: _____ Time related: _____	Item	3		
74	B6.6 Subcontractors notice board Fixed: _____ Value related: _____ Time related: _____	N/A			
75	B6.7 Notice board showing a 3-dimensional (3D) illustration of the proposed development Fixed: _____ Value related: _____ Time related: _____	N/A			
B7.0 TEMPORARY SERVICES					
76	B7.1 Location Fixed: _____ Value related: _____ Time related: _____	Item	3		
77	B7.2 Water Fixed: _____ Value related: _____ Time related: _____	Item	3		
78	B 7.3 Electricity Fixed: _____ Value related: _____ Time related: _____	Item	3		
79	B7.4 Telecommunication facilities Fixed: _____ Value related: _____ Time related: _____	Item	3		
80	B7.5 Ablution facilities Fixed: _____ Value related: _____ Time related: _____	Item	3		
B8.0 PRIME COST AMOUNTS					
81	B8.1 Responsibility for prime cost amounts Fixed: _____ Value related: _____ Time related: _____	Item	1		
B9.0 ATTENDANCE ON N/S SUBCONTRACTORS					
82	B9.1 General attendance The schedule rates providing for attendance on nominated subcontractors and other contractors, will be adjusted only if the scope of the work has changed Fixed: _____ Value related: _____ Time related: _____	Item	1		
83	B9.2 Special attendance Fixed: _____ Value related: _____ Time related: _____	Item	1		
84	B9.3 Commissioning - fuel, water and electricity Fixed: _____ Value related: _____ Time related: _____	Item	1		

B10.0 FINANCIAL ASPECTS			
85	B10.1 Statutory taxes, duties and levies Fixed: _____ Value related: _____ Time related: _____	Item	1
86	B10.2 Payment for preliminaries Fixed: _____ Value related: _____ Time related: _____	Item	1
87	B10.3 Adjustment of preliminaries Clauses B10.3.1 and B10.3.2 are amended by replacing "within fifteen (15) working days of taking possession of the site" with "in his priced bills of quantities / lump sum document submitted with his / her tender offer" Fixed: _____ Value related: _____ Time related: _____	Item	1
88	B10.4 Payment certificate cash flow Fixed: _____ Value related: _____ Time related: _____	Item	1
B11.0 GENERAL			
89	B11.1 Protection of the works Fixed: _____ Value related: _____ Time related: _____	Item	3
90	B11.2 Protection / isolation of existing / sectionally occupied works Fixed: _____ Value related: _____ Time related: _____	N/A	
91	B11.3 Security of the works Fixed: _____ Value related: _____ Time related: _____	Item	3
92	B11.4 Notice before covering work Fixed: _____ Value related: _____ Time related: _____	Item	3
93	B11.5 Disturbance Fixed: _____ Value related: _____ Time related: _____	Item	3
94	B11.6 Environmental disturbance Fixed: _____ Value related: _____ Time related: _____	Item	3
95	B11.7 Works cleaning and clearing Fixed: _____ Value related: _____ Time related: _____	Item	3
96	B11.8 Vermin Fixed: _____ Value related: _____ Time related: _____	Item	3
97	B11.9 Overhand work Fixed: _____ Value related: _____ Time related: _____	Item	3
98	B11.10 Instruction manuals and guarantees Fixed: _____ Value related: _____ Time related: _____	Item	3
99	B11.11 As built information Fixed: _____ Value related: _____ Time related: _____	N/A	
100	B11.12 Tenant installations Fixed: _____ Value related: _____ Time related: _____	Item	1

102	C1 CONTRACT DRAWINGS The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed. Should any part of the drawings not be clearly intelligible to the tenderer he shall, before submitting his tender, obtain clarification in writing from the principal agent Fixed: _____ Value related: _____ Time related: _____ C5 HIV/AIDS AWARENESS It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document. Provision for pricing of HIV/AIDS awareness is made under items C10.1 to C10.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the principal agent, notwithstanding the provisions of Clause A 31 of Section 1: Preliminaries (Section A) or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment	Item	1	
106	C5.1 AWARENESS CHAMPION Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	1	
107	C5.2 AWARENESS WORKSHOPS Selection and appointment of a competent Service Provider approved by the principal agent, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	1	
108	C5.3 POSTERS, BOOKLETS, VIDEOS, ETC. Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____	Item	1	

109 C5.4 ACCESS TO CONDOMS	Item	1		
Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____				
110 C5.5 MONITORING	Item	1		
Monitoring HIV/AIDS awareness of workers, providing the principal agent with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification Fixed: _____ Value related: _____ Time related: _____				
111 C5.6 LABOUR RATES	Item	1		
The tenderer is informed that the labour rate during the construction period will in accordance with the National Minimum Wage act of South Africa F:.....V:.....T:.....				
OCCUPATIONAL HEALTH AND SAFETY ACT				
1 Occupational Health & Safety, incl. HBA Preparation of the Contractor's site-specific Health and Safety Plan & Risk Assessment Health and Safety File in Hard Copy. (Include sub-contractors OHS				
1.1 File compliance)	Sum	1		
134 C7 REPORTING BY CONTRACTOR	Item	1		
The contractor is required to complete the attached Contractor's Monthly Report which is to be submitted together with the contractor's payment claim. Payment of the contractor is conditional on the information being accurate and timeously provided. Fixed: _____ Value related: _____ Time related: _____				
Carried to Grand Final Summary				

QUEENS MERCY CLINIC

Item	Description	Uom	Quantity	Rate	Amount
	<u>SECTION NO. 1 : Building Work</u> <u>BILL NO.1 : ALTERATIONS</u> <u>PREAMBLES</u> The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities. Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved" SUPPLEMENTARY PREAMBLES Proprietary products in descriptions: HANDING OVER OF MATERIALS The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement Edition 4.1 Code 2101, March 2005 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under Old materials, if sound and suitable and approved by the Principal Agent subject to appropriate advice from the Structural engineer or Architect, whichever appropriate, may be re-used for joists, bracing, fittings, etc and broken bricks and other similar material which may be used as filling and hardcore. Wherever old materials are used instead of new materials measured, an adjustment will be made by the Quantity Surveyor in the final settlement of accounts by deducting the net cost of the new materials and crediting the contractor with amount, if any, allowed by him for the old materials. The contractor will be held solely responsible for checking all floor levels and dimensions in the existing building in order that the new repairs may be correctly line up. Should any discrepancies be found in the Architect's drawings he should be asked for a decision before continuing with the work. The contractor will be held solely responsible for any damage to persons and property, for the safety of the existing structures throughout the whole of the contract and must make good at his own expense any damage that may occur. The contractor will be held solely responsible for any damage to persons and property, for the safety of the existing structures throughout the whole of the contract and must make good at his own expense any damage that may occur Old materials described as "carefully take out, set aside for re-use and later refix in new position" are to be carefully removed, stored and protected from damage / injury, make good as required and if broken or damaged through taking out, removing, storage, etc, are to be replaced by the contractor at his/her own expense. Tenderers are advised to inspect these materials to ascertain their condition and allow accordingly for this in their pricing, old material, which are to become the property of the contractor as they are pulled down, together with all building debris from any cause whatsoever, are to be immediately carted away and the site left clean and unencumbered. Allow for watering the works sufficiently to prevent nuisance from dust. Allow for giving notice to local or other authorities for disconnecting electric light, water and drainage mains and removing telephone line / wires, etc and pay all fees in connection therewith and afford every facility to the workmen carrying out this work.				

Old materials, if sound and suitable and approved by the Principal Agent subject to appropriate advice from the Structural engineer or Architect, whichever appropriate, may be re-used for joists, bracing, fittings, etc and broken bricks and other similar material which may be used as filling and hardcore. Wherever old materials are used instead of new materials measured, an adjustment will be made by the Quantity Surveyor in the final settlement of accounts by deducting the net cost of the new materials and crediting the contractor with amount, if any, allowed by him for the old materials.

Where pricing, Tenderers are to allow as follows

Where door and window openings, etc are specified to be filled in, or where jams, etc are specified to be built up, brickwork shall be of hard clay burnt stock brick in 5:1 cement mortar unless otherwise stated, cut, toothed and bonded into existing brickwork and pinned up as required with slates or other hard materials. Brickwork built to fair face or in facings is to be of bricks and pointed to match existing. Plaster is to be 5:1 cement plaster unless otherwise specified Where lintols are specified as precast concrete the prices are to include for breaking out brickwork over for and inserting precast prestressed cement concrete 30Mpa lintol with 230mm bearing on each end size 108 x 75mm deep for each half brick thickness of wall.

The term "take out" includes all work taken out, taken up, taken down, taken off, etc; the term "break up" includes all work broken up, broken down, broken off, etc and the term "hack off" includes all work hacked off hacked up, hacked down, etc. The term "make good" is to include all labour and material required to match existing work The term "take out and remove door", "take out and remove window", "carefully take out, set aside for re-use and later refix window in new position", etc are to include all materials connected with such door or window such as doors, windows, fanlights, frames, ironmongery, glass, architraves, beads, fillets, cramps, dowels. Etc. Strutting, shoring, etc. incidental to alterations shall be deemed to be included in the description.

Descriptions

The descriptions and sizes of demolition work contained hereinafter are intended as a GUIDE ONLY to the Tenderer and no liability will be accepted for any discrepancies or inadequacies in these The whole of the work shall be carried out in accordance with and to the entire satisfaction of the Local Authorities and Client representatives The Contractor, shall, before commencing work, obtain all necessary authorizations for carrying out the work, give all necessary notices and pay all fees and charges in connection therewith, including all Local Authority charges. He shall arrange for and pay all fees and charges, if any, for disconnecting of electrical and water supplies, drains, telephones, etc. and for disconnecting and removal of all municipal property such as electric transformers, high tension switch gear, meters, etc

Disturbance

The Contractor shall carry out the whole of the demolition works with as little mess and noise as possible and with a minimum disturbance to the adjoining premises and their occupants. He shall keep the site, structures and materials well watered during the operation to prevent dust and provide, erect and maintain all temporary tarpaulins, dust and weatherproof screens, barriers and temporary plumbing that may be necessary during the progress of the work, all to the satisfaction of the Principal Agent, Local Authorities and Client representatives, and remove when directed

Hoardings and Protection

Unless other arrangements, acceptable to the Local Authorities and Client representatives, are made and before commencing any demolition work the Contractor shall provide hoardings as necessary for the enclosure of the buildings, sectional activities and access thereto for the protection of the general public and others

Safety The Contractor shall supply and erect all props, struts, shoring, etc. which may be necessary in the demolition and for the safety of persons and property The Contractor shall comply with all regulations and bylaws in force in connection with the use of mechanical and other equipment. Blasting will only be permitted with the Principal Agent's approval All roofing remedial work shall be executed by qualified and experienced roofing contractors in accordance with manufacturer recommendations, relevant SANS standards, and good construction practice. The contractor shall provide a written guarantee of not less than 12 months (or as specified) from the date of practical completion, covering the quality of workmanship and performance of materials used in the remedial roofing work. The guarantee shall specifically cover: 1. Water-tightness of the roofing system 2. Fixing of sheeting, flashings, ridges, and penetrations 3. Integrity of sealing, overlaps, and joint treatments 4. Any recurring defects attributable to workmanship or materials					
TEMPORARY BARRIERS Temporary barriers, screens, etc including removal Supply, fix, maintain during the contract period, and remove on completion, temporary approved woven synthetic mesh sheeting, minimum 150 g/m², securely fixed to a framework of timber, scaffolding, or steel posts at [1.5m centres]. Hoarding to extend to a height of 2.1m and be tensioned to prevent sagging. Include all necessary tying wire, cable ties, battens, and bracing to ensure stability and withstand wind loads. Provide for forming openings, access points, signage, and reinstatement where disturbed. in accordance with OHS and local authority requirements. Allow for any gates, access points, signage, and adjustments to suit site conditions kept clean and free from unauthorised posters, graffiti, etc. and					
1	finally removed, including making good	m	100		
DEMOLITIONS Demolish, cart away rubble and make good, including grubbing up foundations and backfilling holes with material from the stockpiles on site Allow for breaking down and removing 2000mm diameter brickwork tank stand and					
2	prepare to receive new	no	3		
Taking out and removing doors, windows, etc, including thresholds, sills, etc., and building up openings in brick walls, including making good cement plaster on vertical Side(s) (making good paintwork elsewhere) Timber single door including and ironmongery, door size 813x2032 mm high overall					
3	from frame	No	2		
Timber single door including and ironmongery, door size 813x2032 mm high overall					
4	from 220mm brick wall	No	8		
<u>Carefully remove existing damaged door handles, locks, latches, and associated fittings without damaging the door or frame. Prepare the door and frame as necessary, including cleaning, minor filling, or adjustment of mounting holes, to ensure proper installation of new handles.</u>					
5	Metal door locksets	no	6		
<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u> Corrugated iron profiled roof sheeting from timber or steel trusses including purlins,					
6	ridge, flashings, barge boards, guttering etc	m2	40		
7	Fascia and barge boards incl gutters and downpipes	m	144		

8	6.4mm Nailed up ceilings including branderling cornices, etc	m2	50		
9	Fibre cement Nailed up soffit ceilings including branderling, etc	m2	100		
	<u>Taking out sundry carpentry items, etc</u>				
10	Timber skirtings from brickwork.	m	120		
11	Louvered window	no	1		
	<u>Taking up and removing floor and wall coverings, etc and preparing screeds for new floor coverings</u>				
12	Wall tiling incl screed and prepare to receive paint finish	m2	80		
13	Ceramic floor tiling and prepare to receive vinyl flooring	m2	6		
14	Carefully remove existing Vinyl tile floor tile covering including adhesive residue and preparing screed by grinding, cleaning and levelling for new seamless vinyl tiles covering installation. Make good all disturbed finishes	m ²	140		
	<u>Taking out and removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
15	Vitreous china wash hand basin inc pillar taps	No	2		
16	Vitreous china WC pan with cistern and flush pipe	No	2		
17	Taps, Shower roses, shower grating,etc	No	2		
18	Stainless steel sink.	No	1		
19	Cut through, take off and remove existing galvanized or copper piping not exceeding 50mm diameter, including fittings and brackets from roof space, plastered walls, etc or cut back and seal off piping into walls and repair finishes	m	35		
20	Cut through, take off and remove existing 40mm diameter, including fittings and brackets from plastered walls, and repair finishes	m	20		
21	Ditto but for 110mm pipes	m	10		
22	Ditto but for 110mm bent access pan connector	m	6		
	<u>Taking out and removing sundry joinery work</u>				
23	Existing timber wall shelving, brackets, cleats, etc not exceeding 300mm wide	m	5		
	<u>Take out and remove Ironmongery sundries</u>				
24	Remove existing towel rails, toilet paper holders, etc	No	2		
	<u>Take out and remove glazing and prepare to receive new</u>				
25	Take out and remove damaged window panes	m ²	20		
	<u>MAKING GOOD OF FINISHES, ETC</u>				
	<u>Thoroughly clean existing steel window frames to remove dirt, rust, loose paint, and other contaminants. Rake out and remove all loose or damaged glazing putty, prepare rebates, and replace with new putty to match existing. Make good any minor surface defects, leaving frames sound and ready to receive new paint or further finishing.</u>				
26	Existing Steel windows and frames NE 2m2	No	20		
27	Carefully inspect metal door frames that are bent, misaligned, or lightly damaged due to previous lock replacements. Using approved methods, straighten and align frames to ensure proper fit and operation of doors. Carry out minor repairs such as tapping, bending, or filing to restore frame integrity and prepare for new hardware installation. Ensure work is neat, structurally sound, and free from sharp edges or hazards	no	15		

	Inspect ceilings and repair all visible cracks with a suitable filler, sand smooth, and prepare for painting. Where ceilings are damaged beyond repair, carefully remove and replace with new ceiling boards of similar type and thickness, including all necessary fixings and jointing. Prepare and repaint all affected ceiling areas with a high-quality ceiling paint to match existing finish (EM). including fastening of loose cornices			
28	Gypsum ceiling and cornices	m2	200	
29	Prepare existing timber skirting by cleaning, sanding, and removing all loose or damaged finish. Repair minor defects, cracks, or dents with suitable filler.	m	100	
	<u>BUILDING UP OPENINGS</u>			
30	Brickwork in NFP bricks in class II mortar in building up openings incl reinforcement and prestressed fabricated lintels, in class II cement mortar One brick walls.	m2	5	
	Sundries			
31	Cutting toothing and bonding new brickwork to existing.	m2	2	
	<u>OPENINGS THROUGH EXISTING WALLS ETC</u>			
32	Breaking out for and forming openings through brick walls for new windows and door including necessary precast concrete lintels and making good plaster on both sides and with sloping brick-onedge sill and flat plastered sill on inside (new windows and frames and making good paintwork elsewhere) Opening for size 900 x 2100mm high through half-brick wall.	no	1	
	<u>PREPARATORY WORK TO EXISTING SURFACES</u>			
33	Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc Hack off plaster around all large cracks at least 150mm on either side of crack, fill up crack with stiff 3:1 cement grouting solidly caulked in and add chicken mesh and replaster with 4:1 cement plaster, finished off smooth and even surface and on the same plane as the existing plaster, properly concealed. finish off flush with adjacent finishes	m	15	
34	Prepare existing external screed surfaces by cleaning, roughening, and removing all loose or defective material. Apply a new screed layer of approved mix and thickness where required to achieve a smooth, level, and even finish suitable for external exposure. After curing, thoroughly prepare the surface (including grinding, vacuuming, or etching as required) and apply an approved UV-resistant, non-slip external floor paint system in accordance with the manufacturer's instructions. Rate to include bonding agents, primer coats, finishing coats, curing, masking to edges, weather protection during application, and making good at junctions with walls, thresholds, and drainage points. and any other incidental costs to deliver a durable, weather-resistant, and uniform painted floor finish	m2	50	
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete</u>			
35	Prepare existing plaster surfaces by removing all loose, blistered, cracked, or deteriorated plaster back to sound substrate. Clean and allow surfaces to dry thoroughly before carrying out repairs. Apply new plaster of approved mix and thickness where required to restore surfaces to a smooth, level, and even finish, matching the existing adjacent plaster. Treat affected areas with an approved anti-fungal / damp-resistant solution where necessary to prevent recurrence of mould or mildew. Rate to include making good at junctions with walls, ceilings, skirtings, and openings. The finished surface shall be ready to receive paint and match existing levels and profiles.	m2	50	
	Carried to section Summary			

SECTION NO. 2 : Building Work

BILL NO.2 : ROOF COVERINGS

PREAMBLES

PROFILED METAL SHEETING AND ACCESSORIES

Safintra 0.53mm thick Saflok 700® Colorplus® AZ 150 interlocking roof sheeting fixed to purlins at 1900mm centres and ridge/eave purlins at 1700mm centres using Saflok 700® clips which are fastened to steel purlins with Fixtite™ or Safintra approved wafer head self-tapping fasteners, all in accordance with the manufacturer's recommendation.

1	Roof covering with pitches not exceeding 50 degrees	m ²	40
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0.53mm Nominal thickness ditto, but flashings

2	Broad flute closers.	m	4
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3	Narrow flute closers.	m	4
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ROOF AND WALL INSULATION

"Sisalation FR430" or equally approved heavy industrial grade aluminium foil based insulation

4	Insulation laid taut over purlins and fixed concurrent with roof covering including galvanised steel straining wires complete as per architect's approval.	m ²	40
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FLASHING

Fix securely abutement with corrosion-resistant fasteners and apply compatible waterproof sealant at joints and edges. Ensure neat, watertight installation fully integrated with roofing sheets

5		m	6
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Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.3 : CARPENTRY AND JOINERY

PREAMBLES

For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used - PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturers. Trusses to be a minimum of 1200mm centres and are to support metal roof covering. Ceilings are either gypsum plasterboard or claddit (suspended or fixed). Prices must include for the design , plans and approval of all timber trusses and no claim shall be considered. An Engineers approval certificate is required once the roof truss installation is complete and is for the contractors account.

Note: Tenderers are referred to the Architects roof plan drawings annexed to these bills of quantities / accompanying these bills of quantities for tender purposes. Specifications and calculations of prefabricated roof must be supplied by the contractor on award of the contract. Descriptions (prices) shall be deemed to include design.

ROOF CONSTRUCTION

ROOFS ETC

Sawn softwood:

1	50 x 76mm Purlins.	m	47
2	50 x 76mm Bearer fascia support (Provisional).	nm	95
3	38 x 152 mm Bolted roof truss members in lengths exceeding 2.5m and not exceeding 3.9m	m	32
4	Sundries: Hurricane clip fixed using permfix nails or bolts through pre-drilled holes	No	44
5	"Mitek" or similar approved 90 x 38 x 1.2mm truss hangers 38mm wide twice bolted to brickwork	No	10
6	Laminated S. A. pine: 75 x 225mm beam.	m	8
3	EAVES, VERGES, ETC Pressed fibre-cement: 15 x 225mm Fascia board three times drilled, and brass screwed to and including 38 x 50 x 114mm long S.A. Pine cleats twice brass screwed to rafter foot including galvanised steel H-profile jointing strips, screws, holes etc.	m	40
4	80 x 275 x 12mm Barge board drilled and brass screwed to purlin ends including galvanised steel Hprofile jointing strips, screws, holes etc.	m	40
5	Eaves soffit covering of 6mm thick fibre cement ceiling sheets including 38 x 38mm sawn softwood brandering along edges, along centre and at 400mm centres across sheets	m2	100
6	Extra on last for apex cut end.	no	8
7	Extra on last for splay cut end.	no	8

<u>BUDGETARY ALLOWANCES</u>			
8	Budgetary allowance amount of R15 000.00 (Fifteen Thousand Rands) for Shelving	item	1
<u>FRAMES , ETC</u>			
<u>1,2mm Double rebated frames suitable for one brick walls</u>			
10	Frame for door 813 x 2032mm high	No	8
<u>DOORS, ETC</u>			
11	813x 2032 PD1/FB Flush Back Hardwood Door – 813 x 2032mm (Exterior)	No	2
12	813x 2032 Meranti Door flush Heavy duty – Solid Engineerd – 813x2032	No	1
13	Meranti 813x2032 FLB Braceback	No	8
<u>SKIRTINGS</u>			
<u>Wrought softwood</u>			
14	22 x 75mm Meranti skirting with 19mm meranti quarter round nailed to skirting rounded and ploughed at back skirting board plugged and screwed to walls with and including 19mm quadrant bead planted on. All nails to be punched, filled and sand down.	m	120
Carried to Section Summary 2			

SECTION NO. 2 : Building Work

BILL NO.4 : CEILINGS PARTITIONS AND ACCESS FLOORING

PREAMBLES

For Preambles refer to " Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Ceilings

Unless otherwise described ceilings shall be deemed to be horizontal

Fixing

Items described as nailed shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete

Items described as plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as bolted, the bolts have been given elsewhere

CEILING CONSTRUCTION, CORNICES, ETC.

Interior ceiling

6.4 mm thick gypsum ceiling boards (to comply with SABS 266-1982 or later revision) installed with longer lengths to suit room configurations with pre-painted "H" profile cover strips and fixed at right angles to timber branderling with all necessary accessories to strict manufacturer's specifications,

1	Ceilings including 38 x 50mm sawn softwood branderling at 400mm centres with cross branderling at joints, ends of sheets and at light fittings, etc.	m2	50
2	Extra over for hinged trap door size 600 x 600mm.	No	1
3	75mm Wide "Gypsum" coved cornice plugged to walls including mitres, etc.	m	60

Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.5: FLOOR COVERINGS

PREAMBLES

For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Semi flexible vinyl tiles

Standard fully flexible heavy duty floor sheeting, size 2m wide x 2mm thick, manufactured in accordance with EN 649, laid in acrylic adhesive spread with a trowel on suitably prepared subfloor in accordance with SANS 10070,

1	On floors	m2	140
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POLISH, SEALERS, ETC

Thoroughly clean and clear existing vinyl floor cover by removing dirt, stains, wax build up and contaminants using approved cleaning agents and scrubbers. Rinse and allow to dry completely. Apply three coats water based copolymer emulsion or other approved sealer

2	on vinyl flooring	m2	250
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Carried to Section Summary 2

SECTION NO. 2 : Building Work BILL NO.6 : IRONMONGERY PREAMBLES				
For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"				
SUPPLEMENTARY PREAMBLES				
Proprietary products in descriptions				
Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.				
HINGES, BOLTS, ETC				
1	102 x 75 x 3mm thick heavy duty Stainless steel ball bearing butt hinge	No	30	
LOCKSET				
2	Three lever mortice lockset complete with approved chromium plated handles.	No	6	
3	Supply and install nickel plated rooster catch	no	2	
4	Supply and install cabinet heavy duty chrome plated barrel bolt min 75mm, including all necessary fixings and ensuring proper alignment and operation.	no	2	
5	Supply and install cabinet heavy duty door galvanised pad bolt suitable for external doors, including all necessary fixings and ensuring proper alignment and operation.	no	8	
6	Bathroom indicator bolt (Code: CZ8094SC)	no	8	
BATHROOM FITTINGS				
7	135mm x 385mm x 125mm stainless steel holder with 3 toilet roll standard toilet paper size roll capacity fixed in accordance to manufactures specification to walls.	No	12	RATE ONLY
8	24mm x 204mm x 125mm stainless steel horizontal design liquid soap dispenser (refillable) fixed in accordance to manufactures specification to walls.	No	4	RATE ONLY
Carried to Section Summary 2				

<u>SECTION NO. 2 : Building Work</u> <u>BILL NO.7 : METALWORK</u> <u>PREAMBLES</u>					
<u>Tenders are advised to study the specification of materials and methods to be used (PW371), General trade preambles for building services DW10 and general specification for repair and renovations services W41 and all other relevant specifications, standards and documents</u> <u>SUPPLEMENTARY PREAMBLES</u>					
<u>Proprietary products in descriptions</u> Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.					
<u>GALVANISED PRESSED STEEL DOOR FRAMES</u>					
<u>1.2mm Double rebated frames suitable for one brick walls</u>					
1	Frame for door 813 x 2032mm high	No	1		
<u>SECURITY GATES</u> <u>New gates to match existing trellidor or similar approved, in matt white, hinges and locks as per manufacturer</u>					
2	Security gate for door size 813 x 2032mm	No	2		
Allow R20 000.00 for Galvanized steel gas cage size 2000 x 1930 x 2000mm high, with 270mm degree swivel door to carry capacity of 8m3, heavy duty container locking mechanism, heavy duty 16mm shackle hook and tie downs. Finished item weight to be 108kg					
3		No	1		RATE ONLY
<u>WINDOW HARDWARE</u> Provide a budgetary sum of R10 000,00 (Ten Thousand rands) to replace all damaged or defective metal window hardware, including handles, pegs, stays, fasteners, and other associated fittings as required. Ensure all replacements are compatible with existing windows, properly aligned, and fully functional.					
4		item	1		
<u>SUNDRY BRASS WORK:</u> <u>Brass:</u> Supply and fix solid brass weatherbar, size 4 x 30mm, set flush with finished floor level, finish polished on one side. exposed side should have protective lacquer finish.					
5		m	4		
<u>ALUMINIUM WINDOWS, DOORS, ETC</u> <u>"NUKLIP TE NKCAFE" or similar approved powder coated aluminium windows, factory glazed with 6.38mm laminated safety glass with clip-on glazing beads, with neoprene seals and fixed with minimum three lugs per side in accordance with manufacturers instructions:</u>					
6	Window, size 1.5 x 1mm glazed with 6.38mm laminated safety glass.	no	1		
Carried to Section Summary 2					

SECTION NO. 2 : Building Work

BILL NO.9 : TILING

PREAMBLES

For Preambles refer to " Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

WALL TILING

200x 200mmx 5mm Glazed Ceramic Wall tiles, fixed with adhesive and jointed and pointed with flush joints in white epoxy grout on screed (elsewhere measured)

1	On walls	m ²	20
2	On narrow widths	m ²	5

Carried to Section Summary 2

SECTION NO. 2 : Building Work <u>BILL NO.10: PLUMBING AND DRAINAGE</u> <u>PREAMBLES</u> For Preambles refer to " Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371" <u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary products in descriptions</u> Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent. <u>SOIL DRAINAGE</u> <u>Vitrified clay gulleys</u> 1 100mm Dished gully not exceeding 1500mm deep no 1 <u>uPVC Soil pipes (SABS 791-1986):</u> 2 40mm Pipe and fixing to walls, falls, in concrete, etc. m 20 110mm Pipes vertically or ramped to cleaning eyes etc in and including trenches not exceeding 1000mm deep. m 20 110mm Pipes laid in ground not exceeding 1000mm deep including all excavations in earth, bedding cradle and blanket fill of selected granular material, main fill compacting in layers not exceeding 150mm thick, adjust moisture content to optimum and compact to a density of 90% Modified AASHTO in drain trenches including carting off surplus displaced material m 20 <u>Extra over uPVC pipes for fittings:</u> 5 40 mm Adaptor no 20 6 40 mm Bend no 20 7 40 mm Access bend no 20 8 110mm Access bend no 20 9 110 mm "GI two-way" vent valve no 6 <u>SANITARY FITTINGS</u> <u>"Vaal" or similar approved</u> 11 White vitreous china wash hand basin colour white(Code: ATBASS0), size 500 x 410mm with two semi-punched tapholes including fixing bolts no 1 12 White vitreous china closed coupled W.C. suite 100 top flush cistern no 1 <u>WASTE UNIONS, ETC</u> <u>"Cobra Watertech" or similar approved</u> 15 32mm 303 CP basin waste plug no 4 16 90mm waste fitting no 4 17 "Franke Spazi F/2" or similar approved single bowl plumbing kit no 4 <u>TRAPS, ETC</u> <u>"Cobra Watertech" or similar approved</u> 18 32 mm 345 CP bottle trap no 4 <u>TAPS, VALVES, ETC</u> <u>"Cobra Watertech" or similar approved</u> 19 15mm 1003/125 RB fullway gate valve no 4 20 22 mm 1003/125 RB fullway gate valve no 4			
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21	832/350F angle stop valve and 350mm braided flexi hose.	no	4		
	Taps:				
22	Supply and install medical elbow-action tap	no	3		
23	15mm LO-296 CP sink mixer	no	1		
24	15 mm 111-15 Star Pillar tap	no	1		
	<u>WATER SUPPLIES</u>				
	Class 2 copper pipes				
25	15 mm Pipe and fixing to walls, floors, in roofs, soffit of concrete slab in concrete, etc.	m	30		
26	Ditto, but 22mm pipe	m	30		
	Extra over class 2 copper pipes for capillary fittings to DIN2856, ISO2016 and BS 864				
27	15mm Fittings	no	30		
28	22mm Fittings	no	30		
	<u>RAINWATER DISPOSAL</u>				
	Pre-painted aluminium rainwater goods:				
29	150 x 130 x 150mm High eaves gutter fixed to falls in continuous lengths at not exceeding 600mm centres with and including approved gutter brackets.	m	144		
30	Extra over eaves gutter for stopped end.	no	4		
31	Extra over eaves gutter for outlet for 100 x 75mm pipe.	no	2		
32	Extra over rainwater downpipe for bend.	no	4		
33	Extra over rainwater downpipe for shoe.	no	1		
	<u>SANITARY FITTINGS</u>				
34	Allow a Budgetary Allowance of R 20 000,00 for the inspection, servicing, repair and replacement of damaged domestic plumbing installations. The work may include locating and repairing leaks, replacing defective fittings, taps, traps, valves, or pipe sections, clearing blockages, resealing joints, testing the system for proper operation, opening up walls and holes and making good all affected finishes				
35	"Allow a Provisional/ Budgetary Allowance of R10,000.00 for the replacement of damaged VIP pedestals and resealing of damaged vent pipe joints, replacing where necessary including testing the system for proper operation and making good all affected finishes.				
	<u>MEDICAL WASTE BIN</u>				
36	Supply and deliver 660-litre capacity four-wheel plastic wheelie bins, colour: yellow, complete with hinged lid, handles, and heavy-duty castors	No	1		
	<u>TESTING</u>				
37	Test the complete plumbing installation (existing and new components) in accordance with SANS standards, including pressure tests, leak detection and functional checks, and issue a Certificate of Compliance (CoC) upon successful completion.	item			
Carried to Section Summary 2					

SECTION NO. 2 : Building Work

BILL NO.11: ALTERNATIVE BUILDING TECHNOLOGY
ALTERNATIVE BUILDING TECHNOLOGY

NOTE : All the alternative building technology buildings are design build therefore the contractor must employ a competent qualified design team for the design, construction supervision and commissioning of the buildings. JBCC principal building agreement clause will not apply on the alternative building technology buildings.

Description of erection process All material, workmanship, etc are to be of highest quality and must comply with SANS 10400 : The application of the National Building Regulations and specification of materials and methods used PW 371, which is obtainable from the Department of Public Works, and shall be read in conjunction with items from bills of quantities.

External walling and internal walling

1. All walling to comply with Agreement South Africa innovative construction product.

Front entrance door

2. All external doors to be 44mm x 813 x 2032mm meranti framed ledged and braced door formed of 44 x 220mm bottom rail, 22 x 100mm branding rails, 22 x 69mm tongued grooved and V jointed on side boarding, twice countersink screwed at intersection internal panels rebated and filled with 6mm Sapele veneered plywood.

3. Frame to be meranti to suit

4. All ironmongery fittings to comply with SANS Windows

5. All windows to have small panes and be hot dipped galvanised windows fitted with burglar proofing

Shop drawings and designs

Successful contractor must provide the principal agent with shop drawings and foundation designs before commencing with works on site. The contractor must resume with the works only after the client / principal agent has approved the design of the buildings.

Quality certificates

1. Contractor must provide a structural walling certificate

2. Contractor must provide a galvanizing certificate

3. Contractor must provide a roof structure design certificate.

4. Contractor must provide a roof covering certificate

5. Contractor must provide a certificate of compliance for electrical installation.

6. Contractor must provide a lighting protection certificate.

7. Contractor must provide a commission certificate for the entire building, it must also confirm the life expectancy of the building which be not less than 30 years.

	<u>PREFABRICATED EPS UNITT</u> <u>"ABT Store room"</u> Allow R180 000.00 Supply, deliver, offload and position one (1) purpose-built 6.0 m (L) × 2.5 m (W) × 2.59 m sandwich panel ABT storage unit, complete in all respects, ready for connection to electrical services. The unit shall comprise the following minimum specification: sandwich panel ABT Heavy-duty commercial-grade flooring comprising 28 mm marine plywood or approved equivalent, capable of supporting heavy storage loads, securely fixed to the steel floor framing. Complete internal electrical reticulation, concealed in heavy-duty PVC conduit or galvanised trunking as appropriate, including: Distribution board complete with main isolator and circuit breakers. LED internal light fittings. Light switches. Wiring, conduits, junction boxes, earthing and bonding. External weatherproof electrical connection point for connection to the incoming electrical supply. Passive ventilation comprising louvred vents to provide adequate airflow and minimise condensation. Front entrance door 2.All external doors to be 44mm x 813 x 2032mm meranti framed ledged and braced door formed of 44 x 220mm bottom rail, 22 x 100mm branding rails, 22 x 69mm tongued grooved and V jointed on side boarding, twice countersink screwed at intersection internal panels rebated and filled with 6mm Sapele veneered plywood. 3. Frame to be meranti to suit 4. All ironmongery fittings to comply with SANS Windows 5. All windows to have small panes and be hot dipped galvanised windows fitted with burglar proofing All internal and external steel surfaces cleaned, treated and factory coated with corrosion-resistant primer and durable finish coating suitable for external exposure. All necessary flashings, sealants, weatherproofing and finishing components. Transport to site, offloading using suitable lifting equipment, positioning on prepared foundations or plinths provided under separate items, levelling and final placement. Inspection, testing and commissioning of the electrical installation. Provision of manufacturer's data sheets, electrical test certificates, warranty documentation and operation and maintenance manuals. Structures to conform to the minimum specification Agreement South African Innovative Construction Products. <u>SERVICES CONNECTION</u> Provide the sum of R10 000.00 (Ten Thousand Rand) for the connection of the Alternative Building Technology (ABT) structure to the existing services. The amount shall cover the supply, installation, testing and commissioning of all required connections for electrical, supply, including all necessary materials, fittings, trenching, pipework, cabling, terminations, and making good. The works shall include tapered connections into the existing facility service infrastructure, ensuring proper integration with the current electrical distribution and water reticulation systems. All electrical installations shall be carried out in accordance with SANS 10142 and all applicable statutory regulations. Upon completion, the contractor shall provide a valid Electrical Certificate of Compliance (CoC) issued by a registered electrician. All plumbing installations shall comply with applicable SANS plumbing standards and local authority requirements, ensuring that the connections are functional, leak-free, and fully operational upon commissioning. The provisional sum shall include all labour, materials, equipment, testing, commissioning, and certification required to deliver a fully operational connection to the existing facility services.	no	1	
	2 Prov Sum Carried to Section Summary 2			

SECTION NO. 2 : Building Work

BILL No. 12: GLAZING

PREAMBLES

For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used - PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

GLAZING TO STEEL WITH PUTTY

6,38mm laminated safety glass

1	Panes not exceeding 0,5 square metre in area	m ²	20
2	Panes exceeding 0,5 square metre in but NE area	m ²	10

PANELS, MIRRORS, ETC

6mm Silvered float glass copper backed mirrors with bevelled edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete

3	Mirror 450 x 600mm high with four screws	No	2
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Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.14: PAINTWORK

PREAMBLES

For Preamble refer to " Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces

Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth

Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth

PAINTWORK, ETC EXISTING WORK

ON FLOATED PLASTER

Prepare surfaces by thoroughly cleaning and removing all loose material as recommended by the manufacturer. Apply one undercoat and two finish coats of high-quality interior eggshell paint, ensuring an even, durable, and washable finish. Include all necessary materials, tools, and protective measures.

1	On internal walls	m ²	1100	
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Prepare surfaces by thoroughly cleaning and removing all loose material as recommended by the manufacturer. Apply one undercoat and two finish coats of high-quality exterior masonry paint, ensuring an even, durable, and weather-resistant finish

2	On external walls	m ²	300	
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ON GALVANIZED METAL

Prepare surfaces and remove all loose material as recommended by the manufacturer and apply one coat zinc chromate prime and two coat gloss enamel exterior quality paint

3	On window frames (both sides measured over full flat area).	m ²	50	
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4	On door frames	m ²	40	
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ON WOOD

Prepare surfaces and remove all loose material as recommended by the manufacturer and apply one coat universal primer and two coats matt enamel paint

5	On internal timber doors	m ²	50	
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ON FLOORS

Prepare surfaces and remove all loose material as recommended by the manufacturer and apply three coats of heavy-duty, non-slip, UV-resistant acrylic floor coating specifically formulated for exterior concrete and masonry surfaces

6	on floors	m ²	50	
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	<u>Prepare surfaces and remove all loose material as recommended by the manufacturer and apply three coats exterior timber varnish</u>		
7	On external timber doors	m ²	20
	<u>ON FIBRE- CEMENT</u>		
	<u>Prepare surfaces, paint all nail heads with primer, apply one coat undercoat and apply two coats super acrylic PVA paint</u>		
8	On Ceiling	m ²	250
9	On barge boards	m ²	40
10	On fascia boards	m ²	40
	<u>ON FIBRE- CEMENT</u>		
	<u>Prepare surfaces, and apply one coat of approved penetrating primer/sealer, followed by three coats of UV-resistant, flexible acrylic elastomeric waterproof roof coating</u>		
11	On roof tiling	m ²	250
Carried to Section Summary 2			

<u>SECTION SUMMARY - Section 2</u>				
<u>Bill No</u>		<u>Page No</u>		<u>Amount</u>
1	Alterations			R -
2	Roof coverings			R -
3	Capentry and joinery			R -
4	Ceilings, partitionings and access flooring			R -
5	Floor Coverings			R -
6	Ironmongery			R -
7	Metalwork			R -
9	Tiling			R -
10	Plumbing and drainage			R -
11	ABT			R -
12	Glazing			R -
13	Paintwork			R -
CARRIED TO FINAL SUMMARY				R -

SECTION NO. 3 EXTERNAL WORKS WORKS BILL NO. 1 PREAMBLES The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.					
STORMWATER CHANNELS Insitu concrete channels: 900 x 130mm 20Mpa open concrete stormwater channel with 600 x 50mm deep "V" channel, on suitable 150mm subbase material compacted to 93% Mod A.A.S.H.T.O. density, including all necessary excavations, formwork, compaction, grading, carting away, etc.			m	30	
1	Extra over channel for angles, intersections, ends, etc.	no		4	
Extra over for widening concrete to form spreader 2500mm wide extreme for a length of 1200mm and bedding 120mm stone pitching in concrete spaced at 200mm centre spacings to falls including brushing concrete between stones.			no	2	
3					
ROADWAYS, WALKWAYS ETC EARTHWORKS					
1	Excavate for roadways not exceeding 2 m deep, and deposit in spoil heaps	m3		3	
Road bed preparation Scarify in-situ road bed surface to a depth of 150 mm and compact to 93% Modified AASTO density at optimum moisture content			m2	80	
2					
Subbase G7 Natural gravel imported by the contractor in layers not exceeding 150 mm, with a CBR less than 15 and a maximum particle size of 100 mm, compacted to 95% Modified AASHTO density at optimum moisture content			m3	12	
3					
Subgrade Selected fill in layers not exceeding 150 mm compacted to 93% Modified AASHTO density at optimum moisture content			m3	12	
4					
Sundries					
5	Topsoil from the spoil heaps on site in filling behind kerbs	m3		50	
6	Cart away surplus excavated material	m3		9	
20 MPa 19mm Stone					
7	In roadways, laid to falls in panels not exceeding 10 m2	m3		8	
CONCRETE SUNDRIES					
8	Finish tops of concrete surfaces to a smooth and even finish with a wood float, etc	m2		80	
FORMWORK, ETC					
9	Smooth formwork to edge of slab not exceeding 300 mm high	m		120	
PRECAST CONCRETE, ETC Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing Kerb (SABS 927 fig 3) 150 x 300mm high with 150 x 150 x 300mm Class 15/19 unreinforced concrete haunching at back of each joint including excavation, backfilling, etc			m	50	
10					
RAINWATER TANKS AND STANDS Clearing of site Allow for clearing site including removing trees, shrubs etc. not exceeding 200mm girth, grubbing up roots and roughly levelling.			m2	27	
11					

12	Excavation in earth not exceeding 2m deep Trenches.	m3	10		
13	Extra over all excavations for carting away Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	8		
14	Risk of collapse of excavations Sides of trench and hole excavations not exceeding 1,5m deep	m2	36		
15	Keeping excavations free of water: Keeping excavations free of water.	item	1		
16	FILLING Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density Backfilling to trenches, holes, etc	m3	5		
17	Filling of natural gravel material supplied by the contractor, compacted to 93% Mod AASHTO density Under floors	m3	5		
18	Compaction of surfaces. Compaction of ground surface under depth of 150mm, breaking down oversize material, adding suitable material from excavated material where necessary and compacting to 93% Mod AASHTO density. (LI)	m2	27		
19	PROTECTION AGAINST TERMITES Soil insecticide: Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc and filling in furrows and ramming	m2	27		
20	CONCRETE, FORMWORK AND REINFORCEMENT REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES 20MPa/19mm concrete Tank stands	m3	5		
22	TEST CUBES Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	no	6		
23	Finishing top surfaces of concrete smooth with a power float Surface beds, slabs, etc to falls	m2	27		
24	SMOOTH FORMWORK (DEGREE OF ACCURACY II) Smooth formwork to sides Walls in foundations (Provisional)	m2	120		
25	MOVEMENT JOINTS ETC Expansion joints with 12mm softboard (bitumen impregnated softboard between vertical concrete and brick surfaces) Not exceeding 300mm wide	m	30		
26	REINFORCEMENT (PROVISIONAL) Fabric reinforcement Type 193 fabric reinforcement in concrete surface beds etc	m2	27		
27	MASONRY Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar: One brick walls in superstructure	m2	22		
28	One brick walls on substructure	m2	15		

FACE BRICKWORK			
Firelight Travertine (FBX) facebricks pointed with square ruled recessed horizontal and vertical joints:			
29	Extra over brickwork for face brickwork externally.	m2	22
30	Ditto, but in foundations (Provisional).	m2	18
2,5mm Brickwork reinforcement			
31	150mm Wide reinforcement built in horizontally.	m	200
Sundries:			
32	Extra for setting in position and casting holding down bolt into concrete base.	no	6
Galvanised hoop iron cramps, ties, etc:			
33	1,6 x 30mm Galvanised hoop iron tie 600mm long with one end shot fixed into side of concrete or brickwork and other end built into brickwork and turned up into joint.	no	3
Polyethylene rainwater tanks:			
34	5000 Litre polyethylene rotomoulded vertical water storage tank complete with lid, fitted with and including "Charlog" pro close PVC tap or similar approved with suitable adaptor and setting in position on concrete tankstand (elsewhere measured) and tying down with 4mm diameter galvanised wire wrapped twice around centre of tank and secured to each corner of tank stand with a double strand of 4mm diameter galvanised wire embedded into concrete. (Note: tanks to be filled with water before Practical Completion).	no	3
BOOM GATE CANOPY AND EXTERNAL WAITING AREA			
GALVINISED STEEL COLUMNS AND BEAMS			
Welded compound columns consisting of 50 number square hollow section posts 100 x 100 x 3.5mm square-section with flat base, cap, bearer and connection plates, bolted to concrete			
35	100 x 100 x 3.5mm Square columns	t	0.35
36	IPE 180 Rafter fixed to columns with M16 bolts (min 2 per connection)	t	0.30
37	M16 x 150mm Expansion bolt	no	30
GALVINISED STEEL PURLINS			
38	150 x 75 x 20mm x 2.5mm lip channel purlins.	m	0.20
PROFILED METAL SHEETING AND ACCESSORIES			
Side Cladding			
39	Supply and install clear 10 mm multiwall UV-protected polycarbonate cladding panels, colour as selected by the PA, including jointing and edge profiles, fixing accessories, flashings, weather seals, sealants, cutting and fitting to the supporting framework, complete and in accordance with the manufacturer's recommendations.	m2	20
APRONS			
The following in aprons			
Site Clearance, Excavations, Filling, Etc.			
40	Allow R10 000.00 to set out the works and protect existing services prior to commencement.	item	1
41	Excavate in earth for apron construction to the required depth	m3	24
42	Cart away surplus excavated material to an approved disposal site.	m3	12
43	G5 filling, selected and supplied by the Contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 95% mod AASHTO density under floors, etc.	m3	12
44	Rip, scarify, mix and consolidate top 150mm of sub grade to 95% mod AASHTO density	m2	80

	Prescribed density tests on filling:				
45	Allow for compaction tests by an approved laboratory to determine density of filling material.	no	4		
	Soil poisoning				
46	Under floors, etc including forming and poisoning shallow furrows against foundation walls, surface beds, etc and filling in furrows and ramming	m2	80		
	<u>VIBRATED REINFORCED CONCRETE</u>				
	<u>25 MPa/19 mm concrete laid to falls away from the building.</u>				
47	Aprons around building	m3	8		
	<u>Finishing top surfaces of concrete smooth with a wood float:</u>				
48	Aprons around building	m2	80		
	<u>TESTING</u>				
49	Concrete test cubes size 150 x 150 x 150mm overall including testing (Provisional).	no	4		
	<u>SMOOTH FORMWORK</u>				
	Formwork to Sides and Soffits:				
50	Formwork to edge of slab not exceeding 300mm high	m	50		
	<u>MOVEMENT JOINTS, ETC</u>				
	<u>10mm Thick "Sondor Jointex" or equally approved impregnated fibre board isolation joint filler between vertical concrete surfaces</u>				
51	10mm Joints not exceeding 300mm high or wide.	m	50		
	<u>Isolation joints with closed-cell expanded polyethylene foam between vertical brickwork and concrete surfaces</u>				
	<u>Saw cut joints</u>				
52	3 x 30mm Saw cut joints in top of concrete.	m	50		
	Fabric reinforcement				
53	REF. 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	80		
	<u>250Micron Embossed Dampproof Sheeting</u>				
54	Under concrete slabs.	m²	80		
	Allow R7 500.00 to make good disturbed areas adjacent to the apron, including reinstatement of topsoil, paving, grassing or gravel to match existing conditions.				
55		item	1		
Carried to Section Summary 2					

SECTION NO. 4: OHS					
BILL NO 1: OCCUPATIONAL HEALTH AND SAFETY ACT					
1	Preparation of the Contractor's site specific Health and Safety plan	Item	1		
2	Provision of Personal Protective Equipment (PPE)				
	Note: Tenderer to provide quantity for full component of staff for contract period				
2.1	Overalls with reflective strips including the contractor's logo and proof of induction	Sum	1		
2.2	Hard Hats (High Density polyethylene, & 6-point lining)	Sum	1		
2.3	Safety boots/shoes (Steel-Toe)	Sum	1		
2.4	Earplugs/muffs	Box	5		
2.5	Dust Mask (at least FFP2 type)	Box	5		
2.6	Safety gloves	Sum	1		
2.7	Ear Defenders SABS approved	Sum	1		
2.8	Reflective vest for Visitor and Supervisors	Sum	1		
3	Cost of medical certificates and medical surveillance per employee				
	Note: Tenderer to provide quantity for full component of staff for contract period				
3.1	Initial (baseline) medical examinations	Sum	1		
3.2	Provision of First Aid Boxes to GSR requirements	Sum	1		
3.3	Working At heights medicals	Sum	1		
3.4	Working at heights fall arrest equipment	Sum	1		
4	Fire and emergency prevention signage,	Sum	1		
5	Vaccination (sewer works)	Sum	1		
6	Adhoc: Any OHS & HBA related requirements not listed above				
6.1	Close out H& S files scanned electronically with original files to CHSA.	Sum	1		
Carried Forward					

SECTION NO. 5 : Provisional sums

PROVISIONAL SUMS

GENERAL ELECTRICAL INSTALLATION

Allow the Provisional Sum of R50 000.00 (Fifty Thousand Rands) for Servicing existing, installation, replacing components where necessary, including but not limited to: distribution boards, conduits, wiring, trunking, cable trays, switches, sockets, light fittings, circuit protection devices, earthing and bonding, as well as connection to mains supply. All works to comply with SANS standards and relevant codes of practice. Rates to include all incidental costs necessary to deliver a fully operational system up to and including the provision of a CoC of works conducted

1	by a certified person	Prov Sum		R	50 000.00
2	Allow for Profit.	Item	1	R	2 500.00
3	Allow for Attendance	Item	1	R	2 500.00

DESLUDGING

Allow a Provisional Sum of R25,000.00 for the desludging, cleaning, and emptying of existing pit toilet latrine at the health facility.

The work shall include the pumping and removal of accumulated sludge and waste material from the pit toilet tanks; transportation and safe disposal of all waste at a licensed and approved disposal facility; cleaning of the pit chambers; disinfection of the pits and surrounding work area; and all labour, plant, equipment, consumables, and personal protective equipment necessary to complete the works.

The Contractor shall execute the work in accordance with all applicable environmental, health and safety legislation and municipal requirements, ensuring that no contamination of the surrounding environment occurs.

4	that no contamination of the surrounding environment occurs.			R	25 000.00
5	Allow for Profit.			R	1 250.00
6	Allow for Attendance.			R	1 250.00

SIGNAGE

Allow R30 000.00 (Thirty Thousand Rands) Supply and installation of signage. including Service board measuring 2500 mm x 2000 mm, mounted on steel posts fixed into concrete footings, with bracing posts on either side for stability.including directional and door signage . Signagewshall comply with ECDoh standards. Final information to be confirmed with Facility Management. Installation location to be

7	identified by the Client.	Prov Sum		R	30 000.00
8	Allow for Profit.	Item	1	R	1 500.00
9	Allow for Attendance.	Item	1	R	1 500.00

WATER PUMP

Allow R15 000.00 (Fifteen Thousand Rand) for the inspection, servicing, testing and recommissioning of the existing booster pump system to ensure reliable and efficient operation. The works shall include a comprehensive inspection of the booster pump installation; cleaning of the pump and associated equipment; servicing of motors, bearings and mechanical seals (where applicable); lubrication; tightening of electrical and mechanical connections; inspection and adjustment of pressure switches, pressure vessels, non-return valves, isolation valves and associated pipework; replacement of minor consumables and worn components where required; testing of control panels and automatic operation; verification of operating pressures and flow rates; leak testing; commissioning; and the submission of a service report detailing the condition of the installation and any

10	recommendations for further repairs or replacement	Prov Sum		R	15 000.00
11	Allow for Profit.	Item	1	R	750.00
12	Allow for Attendance.	Item	1	R	750.00

<u>BOOM GATE</u>				
Allow R45 000.00 (Fourty Five Thousand Rand) for the supply, delivery and installation of a manually operated boom gate, complete. The works shall include the supply of a heavy-duty galvanized steel manual boom gate of suitable length, complete with pivot mechanism, locking arrangement, counterbalance system (where applicable), support post, end rest, all brackets, anchor bolts, fixings and accessories. The boom gate shall be securely installed by bolting to the existing reinforced concrete base or foundation, including drilling, chemical or mechanical				
13	anchor bolts, alignment, adjustment, testing and commissioning.	Prov Sum		R 45 000.00
14	Allow for Profit.	Item	1	R 2 250.00
15	Allow for Attendance.	Item	1	R 2 250.00
<u>SEPTIC TANK</u>				
Allow R80,000.00 (Eighty Thousand Rand) for the supply, delivery, and installation of an approved off-the-shelf polyethylene septic tank of suitable capacity, complete with reinforced concrete plinth, excavation, bedding, backfilling, and all associated fittings.				
The works shall include the diversion and reconnection of the existing sewer pipeline to the new septic tank, testing, commissioning, and making good to all disturbed surfaces. The installation shall comply with the manufacturer's specifications, SANS standards, and the requirements of the local authority.				
16		Prov Sum		R 80 000.00
17	Allow for Profit.	Item	1	R 4 000.00
18	Allow for Attendance.	Item	1	R 4 000.00
Bill Total				

[illegible]

MAGADLA CLINIC

Item	Description	Uom	Quantity	Rate	Amount
	<u>SECTION NO. 2 : Building Work</u> <u>BILL NO.1 : ALTERATIONS</u> <u>PREAMBLES</u> The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities. Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved" SUPPLEMENTARY PREAMBLES Proprietary products in descriptions: HANDING OVER OF MATERIALS Where certain materials or articles from demolitions or articles are deescribed as to handed over by the contractor to the Regional Representative / Agent, such materials or articles shall be properly stored by the contractor, until handing over thereof. The contractor must obtain an official reciept listing the materials or articles and dates of handing over. If the contractor fails to submit the receipt when requested, it shall be deemed that materials or articles are still in his possession and he will be liable to the Department for full replacement value thereof, which amount will be deducted from any monies to the contractor. Tenderers are advised to visit the site and to inspect the works in conjuction with the drawings in order to ascertain the exact nature and extent of the work to be done. The work is to be carried out in sections in accordance with the Architec's instructions in such a manner as to cause the minimum of nuisance and delay and the various sections are to be handed over for occupation as soon as they are completed and Tenderers must allow accordingly for this in the pricing. The contractor will be held solely responsible for checking all floor levels and dimensions in the existing building in order that the new repairs may be correctly line up. Should any discrepancies be found in the Architect's drawings he should be asked for a decision before continuing with the work. Old materials, if sound and suitable and approved by the Principal Agent subject to appropriate advice from the Structural engineer or Architect, whichever appropriate, may be re-used for joists, brandering, fittings, etc and broken bricks and other similar material which may used as filling and hardcore. Wherever old materials are used instead of new materials measured, an adjustment will be made by the Quantity Surveyor in the final settlement of accounts by deducting the net cost of the new materials and crediting the contractor with amount, if any, allowed by him for the old materials. The contractor will be held solely responsible for any damage to persons and property, for the safety of the existing structures throughout the whole of the contract and must make good at his own expense any damage that may occur. The contractor will be hold solely responsible for any damage to persons and property, for the safety of the existing structures throughout the whole of the contract and must make good at his own expense any damage that may occur Old materials described as "carefully take out, set aside for re-use and later refix in new position" are to be carefull removed, stored and protected from damage / injury, make good as required and if broken or damaged throug taking out, removing, storage, etc, are to be replaced by the contractor at his/her own expense.				

Tenderers are advised to inspect these materials to ascertain their condition and allow accordingly for this in their pricing, old material, which are to become the property of the contractor as they are pulled down, together with all building debris from any cause whatsoever, are to be immediately carted away and the site left clean and unencumbered. Allow for watering the works sufficiently to prevent nuisance from dust. Allow for giving notice to local or other authorities for disconnecting electric light, water and drainage mains and removing telephone line / wires, etc and pay all fees in connection therewith and afford every facility to the workmen carrying out this work.

Old materials, if sound and suitable and approved by the Principal Agent subject to appropriate advice from the Structural engineer or Architect, whichever appropriate, may be re-used for joists, bracing, fittings, etc and broken bricks and other similar material which may be used as filling and hardcore

. Wherever old materials are used instead of new materials measured, an adjustment will be made by the Quantity Surveyor in the final settlement of accounts by deducting the net cost of the new materials and crediting the contractor with amount, if any, allowed by him for the old materials.

Where pricing, Tenderers are to allow as follows

Where door and window openings, etc are specified to be filled in, or where jams, etc are specified to be built up, brickwork shall be of hard clay burnt stock brick in 5:1 cement mortar unless otherwise stated, cut, tooled and bonded into existing brickwork and pinned up as required with slates or other hard materials. Brickwork built to fair face or in facings is to be of bricks and pointed to match existing. Plaster is to be 5:1 cement plaster unless otherwise specified. Where lintols are specified as precast concrete the prices are to include for breaking out brickwork over for and inserting precast prestressed cement concrete 30Mpa lintol with 230mm bearing on each end size 108 x 75mm deep for each half brick thickness of wall.

The term "take out" includes all work taken out, taken up, taken down, taken off, etc; the term "break up" includes all work broken up, broken down, broken off, etc and the term "hack off" includes all work hacked off, hacked up, hacked down, etc. The term "make good" is to include all labour and material required to match existing work. The term "take out and remove door", "take out and remove window", "carefully take out, set aside for re-use and later refix window in new position", etc are to include all materials connected with such door or window such as doors, windows, fanlights, frames, ironmongery, glass, architraves, beads, fillets, cramps, dowels. Etc. Strutting, shoring, etc. incidental to alterations shall be deemed to be included in the description.

The descriptions and sizes of demolition work contained hereinafter are intended as a GUIDE ONLY to the Tenderer and no liability will be accepted for any discrepancies or inadequacies in these

Descriptions

The whole of the work shall be carried out in accordance with and to the entire satisfaction of the Local Authorities and Client representatives

The Contractor, shall, before commencing work, obtain all necessary authorizations for carrying out the work, give all necessary notices and pay all fees and charges in connection therewith, including all Local Authority charges. He shall arrange for and pay all fees and charges, if any, for disconnecting of electrical and water supplies, drains, telephones, etc. and for disconnecting and removal of all municipal property such as electric transformers, high tension switch gear, meters, etc

Disturbance

The Contractor shall carry out the whole of the demolition works with as little mess and noise as possible and with a minimum disturbance to the adjoining premises and their occupants. He shall keep the site, structures and materials well watered during the operation to prevent dust and provide, erect and maintain all temporary tarpaulins, dust and weatherproof screens, barriers and temporary plumbing that may be necessary during the progress of the work, all to the satisfaction of the Principal Agent, Local Authorities and Client representatives, and remove when directed

Hoardings and Protection

Unless other arrangements, acceptable to the Local Authorities and Client representatives, are made and before commencing any demolition work the Contractor shall provide hoardings as necessary for the enclosure of the buildings, sectional activities and access thereto for the protection of the general public and others

Safety

The Contractor shall supply and erect all props, struts, shoring, etc. which may be necessary in the demolition and for the safety of persons and property The Contractor shall comply with all regulations and bylaws in force in connection with the use of mechanical and other equipment. Blasting will only be permitted with the Principal Agent's approval

All roofing remedial work shall be executed by qualified and experienced roofing contractors in accordance with manufacturer recommendations, relevant SANS standards, and good construction practice. The contractor shall provide a written guarantee of not less than 12 months (or as specified) from the date of practical completion, covering the quality of workmanship and performance of materials used in the remedial roofing work.

The guarantee shall specifically cover:

1. Water-tightness of the roofing system
2. Fixing of sheeting, flashings, ridges, and penetrations
3. Integrity of sealing, overlaps, and joint treatments
4. Any recurring defects attributable to workmanship or materials

<u>TEMPORARY BARRIERS</u>				
Temporary barriers, screens, etc including removal				
Supply, fix, maintain during the contract period, and remove on completion, temporary approved woven synthetic mesh sheeting, minimum 150 g/m ² , securely fixed to a framework of timber, scaffolding, or steel posts at [specify spacing, 1.5m centres]. Hoarding to extend to a height of 2.1m and be tensioned to prevent sagging. Include all necessary tying wire, cable ties, battens, and bracing to ensure stability and withstand wind loads. Provide for forming openings, access points, signage, and reinstatement where disturbed. in accordance with OHS and local authority requirements. Allow for any gates, access points, signage, and adjustments to suit site conditions kept clean and free from unauthorised posters, graffiti, etc. and finally removed, including making good			m	100
<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc., and building up openings in brick walls, including making good cement plaster on vertical Side(s) (making good paintwork elsewhere)</u>				
2	Meranti single door including and ironmongery, door size 813x2032 mm high overall from frame	No		7
3	Meranti single door including and ironmongery, door size 813x2032 mm high overall from 220mm brick wall	No		3
<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				
4	Corrugated iron profiled roof sheeting from timber includings celinings, ridge, flashings, barge boards, guttering etc	m ²		200
5	Fascia and barge boards incl gutters and downpipes	m		50
6	6.4mm Nailed up ceilings including brandering cornices, etc	m2		35
<u>Taking up and removing floor and wall coverings, etc and preparing screeds for new coverings</u>				
7	Carefully remove existing Vinyl tile floor tile covering including adhesive residue and preparing screed by grinding, cleaning and levelling for new seamless vinyl tiles covering installation. Make good all disturbed finishes	m ²		140
<u>Carefully remove existing damaged door handles, locks, latches, and associated fittings without damaging the door or frame. Prepare the door and frame as necessary, including cleaning, minor filling, or adjustment of mounting holes, to ensure proper installation of new handles.</u>				
8	Metal door locksets	no		6
<u>Taking out sundry carpentry items, etc</u>				
9	Timber skirtings from brickwork.	m		100
<u>Take out and remove glazing and prepare to receive new</u>				
10	Take out and remove damaged window panes	m ²		20
<u>Taking out and removing sanitary fittings, tanks, geysers, etc. including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>				
11	Vitreous china wash hand basin inc pillar taps	No		3
12	Vitreous china WC pan with cistern and flush pipe	No		3
13	Taps, Shower roses, shower grating, etc	No		1

14	Stainless steel sink.	No	1		
15	Cut through, take off and remove existing galvanized or copper piping not exceeding 50mm diameter, including fittings and brackets from roof space, plastered walls, etc or cut back and seal off piping into walls and repair finishes	m	10		
16	Cut through, take off and remove existing 40mm diameter, including fittings and brackets from plastered walls, and repair finishes	m	10		
23	Ditto but for 110mm pipes	m	10		
24	Ditto but for 110mm bent access pan connector	m	6		
<u>Taking out and removing sundry joinery work</u>					
25	Existing timber wall shelving, brackets, cleats, etc not exceeding 300mm wide	m	15		
<u>MAKING GOOD OF FINISHES, ETC</u>					
Thoroughly clean existing steel window frames to remove dirt, rust, loose paint, and other contaminants. Rake out and remove all loose or damaged glazing putty, prepare rebates, and replace with new putty to match existing. Make good any minor surface defects, leaving frames sound and ready to receive new paint or further finishing.					
28	Existing Steel windows and frames NE 2m2	No	20		
29	Carefully inspect metal door frames that are bent, misaligned, or lightly damaged due to previous lock replacements. Using approved methods, straighten and align frames to ensure proper fit and operation of doors. Carry out minor repairs such as tapping, bending, or filing to restore frame integrity and prepare for new hardware installation. Ensure work is neat, structurally sound, and free from sharp edges or hazards	no	20		
30	Inspect ceilings and repair all visible cracks with a suitable filler, sand smooth, and prepare for painting. Where ceilings are damaged beyond repair, carefully remove and replace with new ceiling boards of similar type and thickness, including all necessary fixings and jointing. Prepare and repaint all affected ceiling areas with a high-quality ceiling paint to match existing finish (EM). including fastening of loose cornices	m2	120		
31	Prepare existing timber skirting by cleaning, sanding, and removing all loose or damaged finish. Repair minor defects, cracks, or dents with suitable filler.	m	100		

	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from</u> Prepare existing plaster surfaces by removing all loose, blistered, cracked, or deteriorated plaster back to sound substrate. Clean and allow surfaces to dry thoroughly before carrying out repairs. Apply new plaster of approved mix and thickness where required to restore surfaces to a smooth, level, and even finish, matching the existing adjacent plaster. Treat affected areas with an approved anti-fungal / damp-resistant solution where necessary to prevent recurrence of mould or mildew. Rate to include making good at junctions with walls, ceilings, skirtings, and openings. The finished surface shall be ready to receive paint and match existing levels and profiles.			
32		m2	50	
33	Break out and remove damaged portions of the existing concrete access ramp where directed. Reinstate with reinforced concrete of matching thickness and strength, including mesh reinforcement where required, finish with a broomed non-slip surface, maintain existing levels, falls and gradients, and make good all interfaces with adjoining paving and floor finishes. Rate to include demolition, disposal, formwork, reinforcement, concrete, curing and all incidental work.	m2	10	
Carried to Section Summary				

SECTION NO. 2 : Building Work
BILL NO.2 : WATERPROOFING

PREAMBLES

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. OW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions:

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

WATERPROOFING TO ROOFS. ETC.

One layer "Duram Duramesh" or similar approved mesh applied in strict accordance with the manufacturer's instructions.

On roof sheeting joints.

m 280

Prepare and apply two coats "Duram Rubberflex" or similar approved paint on

1 On roof sheeting.

m² 120

JOINT SEALANTS ETC

Clear Neutral silicone sealant:

2 In joint sealing and pointing around sanitary fittings

m 50

Carried to Section Summary 2

SECTION NO. 2 : Building Work
BILL NO.3 : ROOF COVERINGS

PREAMBLES

PROFILED METAL SHEETING AND ACCESSORIES

Safintra 0.50mm thick Saflok 700® Colorplus® AZ 150 interlocking roof sheeting fixed to purlins at 1900mm centres and ridge/eave purlins at 1700mm centres using Saflok 700® clips which are fastened to steel purlins with Fixtite™ or Safintra approved wafer head self-tapping fasteners, all in accordance with the manufacturer's recommendation.

1 Roof covering with pitches not exceeding 22 degrees m² 200

2 460mm wide ridge capping to match roof sheeting m 50

0.8mm Nominal thickness ditto, but flashings

3 Broad flute closers. m 10

4 Narrow flute closers. m 10

ROOF AND WALL INSULATION

Heavy Industrial double sided reflective foil laminate incorporating layers of kraft paper and reinforcing scrim, laminated together with low density polyethylene (293gsm):

Insulation sheeting laid taut under purlins (at approximately 900mm centres) and fixed concurrent with roof covering with minimum 150mm stapled laps including galvanised steel straining wires at not exceeding 400mm centres and double-sided tape at edges where required

5 m² 180

FLASHING

Fix securely aluminium apex flashing corrosion-resistant fasteners and apply compatible waterproof sealant at joints and edges. Ensure neat,

6 watertight installation fully integrated with roofing sheets m 20

Fix securely abutement with corrosion-resistant fasteners and apply compatible waterproof sealant at joints and edges. Ensure neat, watertight installation fully integrated with roofing sheets

7 m 12

8 Headwall flashing (code FB8) 375mm girth two times bent along girth and notched on site to suit profile m 12

9 Counter flashing (code FB8) 375mm girth two times bent along girth and notched on site to suit profile m 12

Carried to Section Summary 2

SECTION NO. 2 : Building Work BILL NO.4 : CARPENTRY AND JOINERY			
PREAMBLES For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used - PW371"			
SUPPLEMENTARY PREAMBLES Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.			
PREFABRICATED ROOF TRUSSES, ETC. <u>Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturers. Trusses to be a maximum of 1200mm centres and are to support metal roof covering. Ceilings are either gypsum plasterboard or claddit (suspended or fixed). Prices must include for the design , plans and approval of all timber trusses and no claim shall be considered. An Engineers approval certificate is required once the roof truss installation is complete and is for the contractors account.</u> Note: Bidders are referred to the Architects roof plan drawings accompanying these bills of quantities for tender purposes. Specifications and calculations of prefabricated roof must be supplied by the contractor on award of the contract. Descriptions (prices) shall be deemed to include design.			
1	Double pitch roof truss with 11865mm span between plates to including a 600mm overhang on one side	no	12
2	Allow for bracing, cross bracing, connecting clips, fixing brackets, hurricane clips, etc., as required for fixing in position of roof trusses as described in accordance with the manufacturer's instructions.		
EAVES, VERGES, ETC <u>Everite Flexit pressed nutec-cement:</u> 15 x 225mm Fascia board three times drilled, and brass screwed to and including 38 x 50 x 114mm long S.A. Pine cleats twice brass screwed to rafter foot including galvanised steel H-profile jointing strips, screws, holes etc.			
3		m	50
4	80 x 275 x 12mm Barge board drilled and brass screwed to purlin ends including galvanised steel Hprofile jointing strips, screws, holes etc.	m	30
5	Eaves soffit covering of 6mm thick fibre cement ceiling sheets including 38 x 38mm sawn softwood banderling along edges, along centre and at 400mm centres across sheets	m2	35
6	Extra on last for apex cut end.	no	8
7	Extra on last for splay cut end.	no	8
DOORS, ETC 813x 2032 PD1/FB Flush Back Hardwood Door – 813 x 2032mm (Exterior)			
8		No	3
9	813x 2032 Meranti Door flush Heavy duty – Solid Engineerd	No	2
10	1530x 2032 Meranti SABS FL&B door from approved joinery supplier	No	2

<u>SKIRTINGS</u>		
<u>Wrought softwood</u>		
11	22 x 75mm Meranti skirting with 19mm meranti quarter round nailed to skirting rounded and ploughed at back skirting board plugged and screwed to walls with and including 19mm quadrant bead planted on. All nails to be punched, filled and sand down.	m 100
<u>BUDGETARY ALLOWANCES</u>		
12	Budgetary allowance amount of R15 000.00 (Fifteen Thousand Rands) for Shelving	item 1
Carried to Section Summary 2		

SECTION NO. 2 : Building Work

BILL NO84 : CEILINGS PARTITIONS AND ACCESS FLOORING

PREAMBLES

For Preambles refer to " Department of Public Works & Infrastructure:
Specification of materials and methods to be used-PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Ceilings

Unless otherwise described ceilings shall be deemed to be horizontal

Fixing

Items described as nailed shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete

Items described as plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as bolted, the bolts have been given elsewhere

CEILING CONSTRUCTION, CORNICES, ETC.

6.4 mm thick gypsum ceiling boards (to comply with SABS 266-1982 or later revision) installed with longer lengths to suit room configurations with pre-painted "H" profile cover strips and fixed at right angles to timber branderling with all necessary accessories to strict manufacturer's specifications.

1	Ceilings including 38 x 50mm sawn softwood branderling at 400mm centres with cross branderling at joints, ends of sheets and at light fittings, etc.	m2	140
2	Extra over for hinged trap door size 600 x 600mm.	No	1
3	75mm Wide 'Gypsum" coved cornice plugged to walls including mitres, etc.	m	80

Carried to Section Summary 2

SECTION NO. 2 : Building Work
BILL NO.6 : FLOOR COVERINGS

PREAMBLES

For Preambles refer to "Department of Public Works & Infrastructure:
Specification of materials and methods to be used-PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Semi flexible vinyl tiles

Standard fully flexible heavy duty floor sheeting, size 2m wide x 2mm thick, manufactured in accordance with EN 649, laid in acrylic adhesive spread with a trowel on suitably prepared subfloor in accordance with SANS 10070,

1	On floors	m2	140
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POLISH, SEALERS, ETC

Thoroughly clean and clear existing vinyl floor cover by removing dirt, stains, wax build up and contaminants using approved cleaning agents and scrubbers. Rinse and allow to dry completely. Apply three coats water based copolymer emulsion or other approved sealer

2	on vinyl flooring	m2	265
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Carried to Section Summary 2

<u>SECTION NO. 2 : Building Work</u> <u>BILL NO.7 : IRONMONGERY</u>			
<u>PREAMBLES</u> For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"			
<u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary products in descriptions</u> Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.			
<u>HINGES, BOLTS, ETC</u>			
1	102 x 75 x 3mm thick heavy duty Stainless steel ball bearing butt hinge	No	66
2	Supply and install cabinet heavy duty door latch/slide catch suitable for internal cabinet doors, including all necessary fixings and ensuring proper alignment and operation.	no	2
<u>LOCKSET</u> Three lever mortice lockset complete with approved chromium plated handles.			
3		No	6
4	Supply and install nickel plated rooster catch	no	2
5	Supply and install cabinet heavy duty chrome plated barrel bolt min 75mm, including all necessary fixings and ensuring proper alignment and operation.	no	2
6	Supply and install cabinet heavy duty door galvanised pad bolt suitable for external doors, including all necessary fixings and ensuring proper alignment and operation.	no	8
<u>BATHROOM FITTINGS</u> 135mm x 385mm x 125mm stainless steel holder with 3 toilet roll standard toilet paper size roll capacity fixed in accordance to manufactures specification to walls.			
7		No	3
8	24mm x 204mm x 125mm stainless steel horizontal design liquid soap dispenser (refillable) fixed in accordance to manufactures specification to walls.	No	4
Carried to Section Summary 2			R

<u>SECTION NO. 2 : Building Work</u> <u>BILL NO.8 : METALWORK</u> <u>PREAMBLES</u> Tenders are advised to study the specification of materials and methods to be used (PW371), General trade preambles for building services DW10 and general specification for repair and renovations services W41 and all other relevant specifications, standards and documents <u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary products in descriptions</u> Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent. <u>GALVANISED PRESSED STEEL DOOR FRAMES</u> <u>1.2mm Double rebated frames suitable for one brick walls</u>				
1	Frame for door 813 x 2032mm high	No	1	
<u>SECURITY GATES</u> <u>New gates to match existing trellidor or similar approved, in matt white, hinges and locks as per manufacturer</u>				
2	Security gate for door size 813 x 2032mm	No	2	
3	Security gate for door size 1511 x 2032mm	No	2	
<u>GALVANISED STEEL CAGE</u> Allow R20 000.00 for Galvanized steel gas cage size 2000 x 1930 x 2000mm high, with 270mm degree swivel door to carry capacity of 8m3, heavy duty container locking mechanism, heavy duty 16mm shackle				
4	hook and tie downs. Finished item weightt o be 108kg	No	1	RATE ONLY
<u>WINDOW HARDWARE</u> Provide a budgetary sum of R10 000,00 (Ten Thousand rands) to replace all damaged or defective metal window hardware, including handles, pegs, stays, fasteners, and other associated fittings as required. Ensure all replacements are compatible with existing windows, properly aligned, and fully functional.				
5		item	1	
<u>SUNDRY BRASS WORK:</u> <u>Brass:</u> Supply and fix solid brass weatherbar, size 4 x 30mm, set flush with finished floor level, finish polished on one side. exposed side should have protective lacquer finish.				
6		m	10	
Carried to Section Summary 2				

<u>SECTION NO. 2 : Building Work</u>				
<u>BILL NO.9 : PLUMBING AND DRAINAGE</u>				
<u>PREAMBLES</u>				
For Preambles refer to " Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Proprietary products in descriptions</u>				
Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.				
<u>SOIL DRAINAGE</u>				
<u>Vitrified clay gulleys</u>				
1	100mm Dished gulley not exceeding 1500mm deep	no	1	
<u>uPVC Soil pipes (SABS 791-1986):</u>				
2	40mm Pipe and fixing to walls, falls, in concrete, etc.	m	20	
3	110mm Pipes vertically or ramped to cleaning eyes etc in and including trenches not exceeding 1000mm deep.	m	20	
4	110mm Pipes laid in ground not exceeding 1000mm deep including all excavations in earth, bedding cradle and blanket fill of selected granular material, main fill compacting in layers not exceeding 150mm thick, adjust moisture content to optimum and compact to a density of 90% Modified AASHTO in drain trenches including carting off surplus displaced material	m	20	
<u>Extra over uPVC pipes for fittings:</u>				
5	40 mm Adaptor	no	20	
6	40 mm Bend	no	20	
7	40 mm Access bend	no	20	
8	110mm Access bend	no	20	
9	110 mm "GI two-way" vent valve	no	6	
<u>SANITARY FITTINGS</u>				
<u>"Vaal" or similar approved</u>				
11	White vitreous china wash hand basin colour white(Code: ATBASS0), size 500 x 410mm with two semi-punched tapholes including fixing bolts	no	1	
12	White vitreous china closed coupled W.C. suite 100 top flush cistern	no	1	
<u>Grade 304 (18/10) stainless steel</u>				
13	PLN 611 stainless steel single bowl inset sink (Code: 1010027), overall size 900 x 460mm including SPAZI F/1 plumbing kit.	no	1	
<u>WASTE UNIONS, ETC</u>				
<u>"Cobra Watertech" or similar approved</u>				
15	32mm 303 CP basin waste plug	no	4	
16	90mm waste fitting	no	4	
17	"Franke Spazi F/2" or similar approved single bowl plumbing kit	no	4	
<u>TRAPS, ETC</u>				
<u>"Cobra Watertech" or similar approved</u>				
18	32 mm 345 CP bottle trap	no	4	

<u>TAPS, VALVES, ETC</u>			
"Cobra Watertech" or similar approved			
19	15mm 1003/125 RB fullway gate valve	no	4
20	22 mm 1003/125 RB fullway gate valve	no	4
21	832/350F angle stop valve and 350mm braided flexi hose.	no	4
<u>Taps:</u>			
22	Supply and install medical elbow-action tap	no	3
23	15mm LO-296 CP sink mixer	no	1
24	15 mm 111-15 Star Pillar tap	no	4
<u>WATER SUPPLIES</u>			
<u>Class 2 copper pipes</u>			
25	15 mm Pipe and fixing to walls, floors, in roofs, soffit of concrete slab in concrete, etc.	m	20
26	Ditto, but 22mm pipe	m	20
<u>Extra over class 2 copper pipes for capillary fittings to DIN2856, ISO2016 and BS 864</u>			
27	15mm Fittings	no	20
28	22mm Fittings	no	20
<u>RAINWATER DISPOSAL</u>			
<u>Aluminium seamless gutter x 0.6mm thick secured with brackets fixed at 600mm centres</u>			
29	150 X 150 X 130mm Ogee gutters	m	50
30	100X 75mm Diameter rainwater pipes	m	20
<u>Extra over pipes for fittings</u>			
31	Extra over aluminium gutter outlet	No	6
32	Extra over aluminium gutter bend	No	6
33	Extra over aluminium gutter stopend	No	6
<u>Polyethylene rainwater tanks:</u>			
34	5000 Litre polyethylene rotomoulded vertical water storage tank complete with lid, fitted with and including "Charlog" pro close PVC tap or similar approved with suitable adaptor and setting in position on concrete tankstand (elsewhere measured) and tying down with 4mm diameter galvanised wire wrapped twice around centre of tank and secured to each corner of tank stand with a double strand of 4mm diameter galvanised wire embedded into concrete. (Note: tanks to be filled with water before Practical Completion).	no	2
<u>SANITARY FITTINGS</u>			
34	Allow a Budgetary Allowance of R 30 000,00 for the inspection, servicing, and repair of damaged domestic plumbing installations. The work may include locating and repairing leaks, replacing defective fittings, taps, traps, valves, or pipe sections, clearing blockages, resealing joints, testing the system for proper operation, and making good all affected finishes		

	<u>MEDICAL WASTE BIN</u> Supply and deliver 660-litre capacity four-wheel plastic wheelie bins, colour: yellow, complete with hinged lid, handles, and heavy-duty castors <u>TESTING</u> Test the complete plumbing installation (existing and new components) in accordance with SANS standards, including pressure tests, leak detection and functional checks, and issue a Certificate of Compliance (CoC) upon successful completion.	No 1 item		RATE ONLY
	Carried to Section Summary 2			

SECTION NO. 2 : Building Work
BILL No. 10: GLAZING

PREAMBLES

For Preambles refer to "Department of Public Works & Infrastructure:
Specification of materials and methods to be used - PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

GLAZING TO STEEL WITH PUTTY

6,38mm safety glass

1	Panes not exceeding 0,1 square metre in area	m ²	20	
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PANELS. MIRRORS. ETC

6mm Silvered float glass copper backed mirrors with bevelled edges
holed for and fixed with chromium plated dome capped mirror screws
with rubber buffers to plugs in brickwork or concrete

2	Mirror 450 x 600mm high with four screws	No	5	
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RATE ONLY

Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL No. 10: ALTERNATIVE BUILDING TECHNOLOGY

Allow a Provisional Sum of R 1 040 000,00 for the supply, delivery and construction of an ABT prefabricated clinic structure (80m² floor area) with wall height of 2,800 mm to wall plate level.

The prefabricated structure shall be complete in all respects, comprising:

ABT prefabricated polyurethane insulated wall panel system.
Complete prefabricated walling system including internal partitions, external walls, doors, windows, ceiling system, roof structure and roof covering.
New IBR profiled metal roof sheeting clip-fixed to galvanized steel channel purlins, laid to a minimum 8° roof pitch.
Structural steel framing, bracing and all necessary connection components.
External and internal doors complete with frames, ironmongery, locks, door closers and all associated hardware.
Powder-coated aluminium windows complete with glazing, ironmongery, seals and weatherproofing.
Ceiling system complete with insulation where specified.
Industrial-grade vinyl sheet flooring complete with approved adhesive, coving, joints and all necessary floor preparation.
Flashings, ridge cappings, barge boards, fascia boards, gutters, downpipes, trims, sealants, closures and all weatherproofing components.
Factory-finished protective coatings to all exposed steelwork and external surfaces.

complete electrical installation comprising concealed electrical reticulation within wall panels, distribution board, lighting points, switches, socket outlets, conduits, wiring, earthing and all fittings necessary for a complete installation, ready for connection to the incoming electrical supply.
Supply and installation of one (1) 9000 BTU wall-mounted split-type air-conditioning unit, complete with indoor and outdoor units, refrigerant pipework, condensate drain, electrical isolator, mounting brackets, commissioning and testing.
Metal shelving units complete with brackets, supports, fixings and all accessories.
Two-tier entrance steps complete with non-slip finish and all associated works.
Transport, delivery, offloading, craning where required, positioning, levelling, fixing and installation on prepared foundations.
Testing, commissioning and demonstration of all building systems and equipment.
Manufacturer's installation manuals, operating manuals, maintenance manuals, warranties, quality certificates and as-built documentation.

The building shall be complete and ready for connection to existing electrical, water supply and sewer services.

Structure to conform to the minimum specification Agreement South African Innovative. Trade specific CoCs for service installation as well as manufacturers certificate to be supplied.

no

1

SERVICES CONNECTION

Provide the sum of R20 000.00 (Twenty Thousand Rand) for the connection of the Alternative Building Technology (ABT) structure to the existing services. The amount shall cover the supply, installation, testing and commissioning of all required connections for electrical, water supply, and plumbing services, including all necessary materials, fittings, trenching, pipework, cabling, terminations, and making good.

The works shall include tapered connections into the existing facility service infrastructure, ensuring proper integration with the current electrical distribution and water reticulation systems.

All electrical installations shall be carried out in accordance with SANS 10142 and all applicable statutory regulations. Upon completion, the contractor shall provide a valid Electrical Certificate of Compliance (CoC) issued by a registered electrician.

All plumbing installations shall comply with applicable SANS plumbing standards and local authority requirements, ensuring that the connections are functional, leak-free, and fully operational upon commissioning.

The provisional sum shall include all labour, materials, equipment, testing, commissioning, and certification required to deliver a fully operational
2 connection to the existing facility services.

Prov Sum

Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.12 : PAINTWORK

PREAMBLES

For Preamble refer to " Department of Public Works & Infrastructure:
Specification of materials and methods to be used-PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces

Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth

Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth

PAINTWORK, ETC EXISTING WORK

ON FLOATED PLASTER

Prepare surfaces and remove all loose material as recommended by the manufacturer, apply one undercoat and two finish coats of 'Dulux Trade Sterishield Diamond Eggshell' paint

1	On internal walls	m ²	600
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Prepare surfaces and remove all loose material as recommended by the manufacturer, apply one undercoat and two finish coats of 'Dulux Trade Weathershield Smooth Masonry Paint' paint

2	On external walls	m ²	250
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ON GALVANIZED METAL

Prepare surfaces and remove all loose material as recommended by the manufacturer and apply one coat zinc chromate prime and 'two coat gloss enamel exterior quality Plascon' paint

3	On window frames (both sides measured over full flat area).	m ²	50
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4	On door frames	m ²	20
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ON WOOD

Prepare surfaces and remove all loose material as recommended by the manufacturer and apply one coat universal primer and two coats matt enamel Plascon paint or similar approved

5	On Single doors	m ²	20
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Prepare surfaces and remove all loose material as recommended by the manufacturer and apply three coats Dulux woodguard Interior/exterior Timba Varnis or similar approved

6	On external wooden doors	m ²	15
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[illegible]

<u>SECTION SUMMARY - Section 2</u>		<u>Page No</u>		<u>Amount</u>	
<u>Bill No</u>					
1	Alterations			R	-
2	Waterproofing			R	-
3	Roof coverings			R	-
4	Capentry and joinery			R	-
5	Ceilings, partitionings and access flooring			R	-
6	Floor Coverings			R	-
7	Ironmongery			R	-
8	Metalwork			R	-
9	Plumbing and drainage			R	-
10	Glazing			R	-
11	ABT			R	-
12	Paintwork			R	-
Carried to Summary of Section 2				R	-

SECTION NO. 3 EXTERNAL WORKS WORKS BILL NO. 1 PREAMBLES			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.			
STORMWATER CHANNELS Insitu concrete channels:			
900 x 130mm 20Mpa open concrete stormwater channel with 600 x 50mm deep 'V' channel, on suitable 150mm subbase material compacted to 93% Mod A.A.S.H.T.O. density, including all necessary			
1	excavations, formwork, compaction, grading, carting away, etc.	m	30
2	Extra over channel for angles, intersections, ends, etc.	no	4
Extra over for widening concrete to form spreader 2500mm wide extreme for a length of 1200mm and bedding 120mm stone pitching in concrete spaced at 200mm centre spacings to falls including brushing			
3	concrete between stones.	no	2
<u>BUDGETARY ALLOWANCES</u> <u>CRACKS</u>			
15	Allow R25 000.00 for Repairing cracks using crack stitching with profiled stainless-steel reinforcement bars and epoxy/resin grout. Repair damaged plaster and repaint (EM)	item	1.00
<u>WATER SUPPLY</u>			
15	Allow R80 000.00 for the repair, refurbishment and reinstatement of the existing elevated steel-framed water tank stand. The work shall include cleaning and preparing all steelwork, repairing or replacing corroded or damaged structural members, bracing, base plates, holding-down bolts, connection plates and welds where required, treating all steel surfaces against corrosion, and applying an approved primer and protective paint system. Reinstall and secure the existing water tank, including replacement of defective mounting brackets, fittings and pipe supports where necessary. Test the structural stability and water-retaining system, reconnect all associated pipework, and commission the installation to restore the tank stand and water supply system to full operational functionality. Rate shall include all labour, materials, plant, access equipment, testing, commissioning, and making good. Final extent of repairs shall be confirmed following a detailed site inspection and approval by the Engineer/Principal Agent.	item	1.00
Carried to final summary			

SECTION NO. 3 : OHS				
BILL NO 1: OCCUPATIONAL HEALTH AND SAFETY ACT				
1	Preparation of the Contractor's site specific Health and Safety plan	Item	1	
2	Provision of Personal Protective Equipment (PPE) Note: Tenderer to provide quantity for full component of staff for contract period Overalls with reflective strips including the contractor's logo and proof			
2.1	of induction	Sum	1	
2.2	Hard Hats (High Density polyethylene, & 6-point lining)	Sum	1	
2.3	Safety boots/shoes (Steel-Toe)	Sum	1	
2.4	Earplugs/muffs	Box	5	
2.5	Dust Mask (at least FFP2 type)	Box	5	
2.6	Safety gloves	Sum	1	
2.7	Ear Defenders SABS approved	Sum	1	
2.8	Reflective vest for Visitor and Supervisors	Sum	1	
3	Cost of medical certificates and medical surveillance per employee Note: Tenderer to provide quantity for full component of staff for contract period			
3.1	Initial (baseline) medical examinations	Sum	1	
3.2	Provision of First Aid Boxes to GSR requirements	Sum	1	
3.3	Working At heights medicals			
3.4	Working at heights fall arrest equipment			
4	Fire and emergency prevention signage,	Sum	1	
5	Vaccination (sewer works)	Sum	1	
6	Adhoc: Any OHS & HBA related requirements not listed above Close out H& S files scanned electronically with original files to			
6.1	CHSA.	Sum	1	
Carried to final summary				

SECTION NO. 4 : Provisional sums				
BILL NO.1 : PROVISIONAL SUMS				
PROVISIONAL SUMS				
<u>GENERAL ELECTRICAL INSTALLATION</u>				
Allow the Provisional Sum of R60 000.00 (Sixty Thousand Rands) for Servicing existing, installation, replacing components where necessary, including but not limited to: distribution boards, conduits, wiring, trunking, cable trays, switches, sockets, light fittings, circuit protection devices, earthing and bonding, as well as connection to mains supply. All works to comply with SANS standards and relevant codes of practice. Rates to include all incidental costs necessary to deliver a fully operational system up to and including the provision of a CoC of works conducted by a certified person				
1	person	Prov Sum		R 60 000.00
2	Allow for Profit.	Item	1	R 3 000.00
3	Allow for Attendance	Item	1	R 3 000.00
REMOVAL OF FURNITURE AND EQUIPMENT				
Provide an amount of R30 000 (Thirty Thousand rands) for contractor to assist in moving and protection of furniture and equipment during construction, including reinstating				
4				R 30 000.00
5	Allow for Profit.	Item	1	R 1 500.00
6	Allow for Attendance.	Item	1	R 1 500.00
<u>SIGNAGE</u>				
Allow R30 000.00 (Thirty Thousand Rands) Supply and installation of signage. including Service board measuring 2500 mm x 2000 mm, mounted on steel posts fixed into concrete footings, with bracing posts on either side for stability.including directional and door signage . Signagewshall comply with ECDoh standards. Final information to be confirmed with Facility Management. Installation location to be identified by the Client.				
7		Prov Sum		R 30 000.00
8	Allow for Profit.	Item	1	R 1 500.00
9	Allow for Attendance.	Item	1	R 1 500.00
<u>WATERSUPPLY</u>				
Allow R20 000.00 (Twenty Thousand Rand) for: 1.The inspection, servicing, testing and recommissioning of the existing booster pump system to ensure reliable and efficient operation. 2. The supply and installation of a new covered booster pump (NH) reticulation				
The works shall include a comprehensive inspection of the booster pump installation; cleaning of the pump and associated equipment; servicing of motors, bearings and mechanical seals (where applicable); lubrication; tightening of electrical and mechanical connections; inspection and adjustment of pressure switches, pressure vessels, non-return valves, isolation valves and associated pipework; replacement of minor consumables and worn components where required; testing of control panels and automatic operation; verification of operating pressures and flow rates; leak testing; commissioning; and the submission of a service report detailing the condition of the installation and any recommendations for further repairs or replacement				
10		Prov Sum		R 20 000.00
11	Allow for Profit.	Item	1	R 1 000.00
12	Allow for Attendance.	Item	1	R 1 000.00
CARRIED TO FINAL SUMMARRY				

REPAIRS AND RENOVATIONS TO MAGADLA CLINIC AT ALFRED NZO REGION		
FINAL SUMMARY		
2	BUILDING WORK	R -
3	EXTERNAL WORKS	R -
3	OHS	R -
4	PROVISIONAL SUMS	R -
SUB TOTAL		R -
CARRIED TO GRAND FINAL SUMMARY		R -

MALUTI CHC

Item	Description	Uom	Quantity	Rate	Amount
	<u>SECTION NO. 1 : Building Work</u> <u>BILL NO.1 : ALTERATIONS</u> <u>PREAMBLES</u> The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities. Any reference to trade names in the Bills of Quantities or Architect's specification or drawings shall deem to mean "or similar and approved" SUPPLEMENTARY PREAMBLES HANDING OVER OF MATERIALS The JBCC Preliminaries Code 2103, May 2005 edition for use with the JBCC Principal Building Agreement Edition 4.1 Code 2101, March 2005 is taken to be incorporated herein. The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and heading only. Where standard clauses or options are not applicable to the contract such modifications or corrections as are necessary are given under Old materials, if sound and suitable and approved by the Principal Agent subject to appropriate advice from the Structural engineer or Architect, whichever appropriate, may be re-used for joists, bracing, fittings, etc and broken bricks and other similar material which may be used as filling and hardcore. Wherever old materials are used instead of new materials measured, an adjustment will be made by the Quantity Surveyor in the final settlement of accounts by deducting the net cost of the new materials and crediting the contractor with amount, if any, allowed by him for the old materials. The contractor will be held solely responsible for checking all floor levels and dimensions in the existing building in order that the new repairs may be correctly line up. Should any discrepancies be found in the Architect's drawings he should be asked for a decision before continuing with the work. The contractor will be held solely responsible for any damage to persons and property, for the safety of the existing structures throughout the whole of the contract and must make good at his own expense any damage that may occur. The contractor will be held solely responsible for any damage to persons and property, for the safety of the existing structures throughout the whole of the contract and must make good at his own expense any damage that may occur. Old materials described as "carefully take out, set aside for re-use and later refix in new position" are to be carefully removed, stored and protected from damage / injury, make good as required and if broken or damaged through taking out, removing, storage, etc, are to be replaced by the contractor at his/her own expense. Tenderers are advised to inspect these materials to ascertain their condition and allow accordingly for this in their pricing, old material, which are to become the property of the contractor as they are pulled down, together with all building debris from any cause whatsoever, are to be immediately carted away and the site left clean and unencumbered. Allow for watering the works sufficiently to prevent nuisance from dust. Allow for giving notice to local or other authorities for disconnecting electric light, water and drainage mains and removing telephone line / wires, etc and pay all fees in connection therewith and afford every facility to the workmen carrying out this work.				

Old materials, if sound and suitable and approved by the Principal Agent subject to appropriate advice from the Structural engineer or Architect, whichever appropriate, may be re-used for joists, bracing, fittings, etc and broken bricks and other similar material which may be used as filling and hardcore. Wherever old materials are used instead of new materials measured, an adjustment will be made by the Quantity Surveyor in the final settlement of accounts by deducting the net cost of the new materials and crediting the contractor with amount, if any, allowed by him for the old materials.

Where pricing, Tenderers are to allow as follows

Where door and window openings, etc are specified to be filled in, or where jams, etc are specified to be built up, brickwork shall be of hard clay burnt stock brick in 5:1 cement mortar unless otherwise stated, cut, toothed and bonded into existing brickwork and pinned up as required with slates or other hard materials. Brickwork built to fair face or in facings is to be of bricks and pointed to match existing. Plaster is to be 5:1 cement plaster unless otherwise specified Where lintols are specified as precast concrete the prices are to include for breaking out brickwork over for and inserting precast prestressed cement concrete 30Mpa lintol with 230mm bearing on each end size 108 x 75mm deep for each half brick thickness of wall.

The term "take out" includes all work taken out, taken up, taken down, taken off, etc; the term "break up" includes all work broken up, broken down, broken off, etc and the term "hack off" includes all work hacked off hacked up, hacked down, etc. The term "make good" is to include all labour and material required to match existing work The term "take out and remove door", "take out and remove window", "carefully take out, set aside for re-use and later refix window in new position", etc are to include all materials connected with such door or window such as doors, windows, fanlights, frames, ironmongery, glass, architraves, beads, fillets, cramps, dowels. Etc. Strutting, shoring, etc. incidental to alterations shall be deemed to be included in the description.

Descriptions

The descriptions and sizes of demolition work contained hereinafter are intended as a GUIDE ONLY to the Tenderer and no liability will be accepted for any discrepancies or inadequacies in these The whole of the work shall be carried out in accordance with and to the entire satisfaction of the Local Authorities and Client representatives The Contractor, shall, before commencing work, obtain all necessary authorizations for carrying out the work, give all necessary notices and pay all fees and charges in connection therewith, including all Local Authority charges. He shall arrange for and pay all fees and charges, if any, for disconnecting of electrical and water supplies, drains, telephones, etc. and for disconnecting and removal of all municipal property such as electric transformers, high tension switch gear, meters, etc

Disturbance

The Contractor shall carry out the whole of the demolition works with as little mess and noise as possible and with a minimum disturbance to the adjoining premises and their occupants. He shall keep the site, structures and materials well watered during the operation to prevent dust and provide, erect and maintain all temporary tarpaulins, dust and weatherproof screens, barriers and temporary plumbing that may be necessary during the progress of the work, all to the satisfaction of the Principal Agent, Local Authorities and Client representatives, and remove when directed

Hoardings and Protection Unless other arrangements, acceptable to the Local Authorities and Client representatives, are made and before commencing any demolition work the Contractor shall provide hoardings as necessary for the enclosure of the buildings, sectional activities and access thereto for the protection of the general public and others					
Safety The Contractor shall supply and erect all props, struts, shoring, etc. which may be necessary in the demolition and for the safety of persons and property The Contractor shall comply with all regulations and bylaws in force in connection with the use of mechanical and other equipment. Blasting will only be permitted with the Principal Agent's approval All roofing remedial work shall be executed by qualified and experienced roofing contractors in accordance with manufacturer recommendations, relevant SANS standards, and good construction practice. The contractor shall provide a written guarantee of not less than 12 months (or as specified) from the date of practical completion, covering the quality of workmanship and performance of materials used in the remedial roofing work. The guarantee shall specifically cover: 1. Water-tightness of the roofing system 2. Fixing of sheeting, flashings, ridges, and penetrations 3. Integrity of sealing, overlaps, and joint treatments 4. Any recurring defects attributable to workmanship or materials					
<u>TEMPORARY BARRIERS</u> Temporary barriers, screens, etc including removal					
Supply, fix, maintain during the contract period, and remove on completion, temporary approved woven synthetic mesh sheeting, minimum 150 g/m², securely fixed to a framework of timber, scaffolding, or steel posts at [specify spacing, e.g. 2.0 m centres]. Hoarding to extend to a height of 2.1m and be tensioned to prevent sagging. Include all necessary tying wire, cable ties, battens, and bracing to ensure stability and withstand wind loads. Provide for forming openings, access points, signage, and reinstatement where disturbed. in accordance with OHS and local authority requirements. Allow for any gates, access points, signage, and adjustments to suit site conditions kept clean and free from unauthorised posters, graffiti, etc. and finally removed, including making good			m	80	
<u>REMOVAL OF EXISTING WORK</u> Taking out and removing doors, windows, etc, including thresholds, sills, etc., and building up openings in brick walls, including making good cement plaster on vertical Side(s) (making good paintwork elsewhere) Timber single door and frame including and ironmongery, door size 813x2032 mm high overall from 220mm brick wall			No	10	
<u>OPENINGS THROUGH EXISTING WALLS ETC</u> Breaking out for and forming openings through brick walls for new doors and frames including necessary precast concrete lintels and making good plaster on both sides and into reveals and with 100mm concrete thresholds with steel trowelled finish (new doors and frames and making good paintwork elsewhere)					
Opening for double door size 813 x 2100mm high through half brick wall.			No	10	
<u>MAKING GOOD OF FINISHES, ETC</u> BUILDING UP OPENINGS Brickwork in NFP bricks (7 Mpa) in class II mortar in building up openings					
Half brick walls.			m2	20	
One brick walls.			m2	2	
Sundries Cut toothings and bond new brickwork to existing.			m2	10	
Carried to Section Summary 2					

SECTION NO. 2 : Building Work

BILL NO.2 : EARTHWORKS (PROVISIONAL)

PREAMBLES

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. OW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions:

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent

Nature of material to be excavated:

The material to be excavated is assumed to be predominantly of a composition that will allow excavation in "earth" as specified, but including a percentage of excavation in "soft rock" and "hard rock".

Carting away of excavated material:

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations, or alternatively, from stock piles situated on the building site.

Dewatering of excavations:

The Contractor shall allow for removing seepage and other water from subterranean sources from the excavations by pumping, baling or otherwise. Accurate records of all such dewatering shall be kept to determine the total volume of water so removed and a clear distinction shall be made between water from subterranean sources and other water

Density testing on filling:

Rates for filling, etc. shall include for all density and soil type testing to prove that the specified compaction is achieved. When additional testing is done on instruction of the Principal Agent and these tests are successful, they will be paid for additionally.

Imported fill:

"Filling and bedding to trenches etc. to be in compliance with SABS 1200 DB and LB respectively"

EXCAVATION, FILLING, ETC

Site Clearance, Excavations, Filling, Etc.

1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	55
2	Excavate in earth for surface trenches not exceeding 2000mm deep.	m3	54
3	Extra over excavations in earth to bases and trenches for excavation in soft rock (Provisional)	m3	3
4	Extra over excavations in earth to bases and trenches for excavation in hard rock. (Provisional)	m3	2
5	Extra over all excavations for carting away surplus excavated material.	m3	59
6	Allow for risk of collapse to sides of trench and base excavations not exceeding 1500mm deep	m2	40

7	Earth filling, selected by the Contractor from the excavated material, deposited in layers not exceeding 150mm thick, watered and consolidated to 95% modified AASHTO density as backfilling to trenches, bases, etc.	m3	45		
8	G5 filling, selected and supplied by the Contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 95% mod AASHTO density under floors, etc.	m3	23		
9	Rip, scarify, mix and consolidate top 150mm of sub grade to 95% mod AASHTO density	m2	55		
	Prescribed density tests on filling:				
10	Allow for compaction tests by an approved laboratory to determine density of filling material.	no	4		
	Keeping excavations free of water				
11	Keeping excavations free of all water other than subterranean water	item			
	Soil poisoning				
12	Under floors, etc including forming and poisoning shallow furrows against foundation walls, surface beds, etc and filling in furrows and ramming	m2	55		
Carried to Section Summary 2					

SECTION NO. 2 : Building Work

BILL NO.3 : CONCRETE, FORMWORK AND REINFORCEMENT

PREAMBLES

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. OW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions:

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent

Cost of tests:

The costs of making, storing and testing of concrete test cubes as required under clause 7 'Tests' of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Architect. The testing shall be undertaken by an independent firm or institution nominated by the Contractor to the approval of the Architect. (Test cubes are measured separately).

Formwork:

Descriptions of formwork shall be deemed to include use and waste only (except where described as left in or permanent), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before reuse

Dewatering of excavations:

The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.

Formwork to soffits of solid slabs etc., shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.

Formwork to sides of bases, pile caps, ground beams, etc., will only be measured where it is prescribed by the Engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in Earthworks.

VIBRATED UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

25 MPa/19 mm concrete

1 Strip footings

m3

8

(25MPa) open stormwater channels with V-shaped waterway formed in top, finished smooth on all exposed surfaces

1000 x 110mm open concrete stormwater channel with 700 x 60mm deep "V" channel with rounded salient edges and finished on exposed surfaces with (2:1) cement mortar, laid to falls in panels not exceeding 3,0m long with 12mm bitumen impregnated softboard movement joints with exposed edges raked out for a depth of 10mm and filled with bituminous compound on suitable 150mm subbase material compacted to 93% Mod A.A.S.H.T.O. density, including all necessary excavations, 250 micron dpm, formwork, ref 100 mesh, compaction, grading, carting away, etc.

2

m

28

3	Extra over channel for angles, intersections, ends, etc.	no	4		
	Extra over for widening concrete to form spreader 2500mm wide extreme for a length of 1250mm and bedding 150 x 150 x 150mm stone pitching embedded in newly cast wet concrete spaced at 300mm centre spacings to falls including brushing concrete between stones.	no	5		
	<u>VIBRATED REINFORCED CONCRETE</u>				
	<u>25 MPa/19 mm concrete</u>				
5	Surface beds on waterproofing	m3	8		
6	Aprons around building	m3	3		
	<u>Finishing top surfaces of concrete smooth with a wood float:</u>				
7	Surface beds, slabs, etc	m2	55		
8	Aprons around building	m2	20		
	<u>Finishing top surfaces of concrete to an evenly ribbed non-slip surface (broom finish):</u>				
9	Surface beds to falls.	m2	28		
	<u>TESTING</u>				
10	Concrete test cubes size 150 x 150 x 150mm overall including testing (Provisional).	no	10		
	<u>SMOOTH FORMWORK</u>				
	<u>Formwork to Sides and Soffits:</u>				
11	Formwork to edge of slab not exceeding 300mm high	m	28		
	<u>REINFORCEMENT (PROVISIONAL)</u>				
	<u>Mild steel reinforcement to structural concrete work</u>				
12	Bars of various diameters.	t	0.80		
	<u>High tensile steel reinforcement to structural concrete work not exceeding 13,00m long</u>				
13	Bars of various diameters.	t	1.40		
	<u>Fabric reinforcement</u>				
14	REF. 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	55		
Carried to Section Summary 2					

SECTION NO. 2 : Building Work				
BILL NO 4: MASONRY				
PREAMBLES				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. OW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities				
SUPPLEMENTARY PREAMBLES				
Proprietary products in descriptions:				
<u>Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent</u>				
BRICKWORK IN FOUNDATIONS (PROVISIONAL)				
Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar:				
1	One brick walls.	m2	62	
BRICKWORK IN SUPERSTRUCTURE				
Brickwork of NFP bricks (14 MPa nominal compressive strength) in Class II mortar:				
2	Half brick walls.	m2	25	
3	Half brick walls in beamfilling	m2	15	
4	One brick walls.	m2	108	
BRICKWORK SUNDRIES				
<u>Bagging and sealing the outer face of the inner skin of walls with 1:3 cement and sand mixture and seal with two coats "Brixal" bitumen emulsion waterproofing coating:</u>				
5	To walls (Provisional).	m2	122	
<u>Brickwork reinforcement:</u>				
6	75mm Wide reinforcement built in horizontally	m	132	
7	150mm Wide reinforcement built in horizontally.	m	252	
8	Ditto, but in foundations	m	340	
<u>Galvanised hoop iron cramps, ties, etc</u>				
9	32 x 1,6 mm Hoop iron roof tie 1500 mm long with one end fixed to timber and other end built into six courses of brickwork	no	30	
<u>Prestressed fabricated lintels:</u>				
10	110 x 75mm Lintels in lengths not exceeding 3m.	m	13	
<u>NUTEC-CEMENT OR OTHER APPROVED WINDOW SILLS</u>				
<u>Natural grey sills in single lengths bedded in class I mortar including metal fixing lugs, etc</u>				
11	15 x 150mm Wide sills set flat and slightly projecting	m	9	
Carried to Section Summary 2				

SECTION NO. 2 : Building Work

BILL NO.5 : WATERPROOFING

PREAMBLES

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. OW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions:

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

DAMPPROOFING OF WALLS AND FLOORS

One layer of 375 micron embossed dampcourse waterproof sheeting below walls, sills, etc:

Below walls, sills, etc.

m² 67

250Micron Embossed Dampproof Sheeting

1 Under concrete slabs.

m² 55

JOINT SEALANTS ETC

Clear Neutral silicone sealant:

2 In joint sealing and pointing around sanitary fittings

m 100

Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.6 : ROOF COVERINGS

PREAMBLES

PROFILED METAL SHEETING AND ACCESSORIES

(CPAP Work Group No. 124 Unless Otherwise Stated)

Safintra 0,58mm saflock700 Colorplus AZ150 interlocking roof sheeting fixed to internal purlins at 1900mm centres and ridge/ eave purlins with Fixite or Safintra approved wafer head self rapping fasteners including all clips, etc., strictly in accordance with manufacturer's specification.

1	Roof covering with pitches not exceeding 20 degrees	m ²	55
2	Ridge 462mm girth with minimum 230mm laps, fixed to roof sheeting (measured net).	m	12
3	Broad flute closers.	m	4
4	Narrow flute closers.	m	4
5	Moulded narrow and broad rib polyethelene filler blocks	m	24

Sisalation 420 housing grade reinforced aluminium foil and polyethylene insulation:

6	Insulation laid taut over purlins (at maximum 1000mm centres) and fixed concurrent with roof covering, including galvanised steel straining wires.	m ²	55
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FLASHING

7	Fix securely aluminium apex flashing corrosion-resistant fasteners and apply compatible waterproof sealant at joints and edges. Ensure neat, watertight installation fully integrated with roofing sheets	m	12
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Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.7 : CARPENTRY AND JOINERY

PREAMBLES

For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used - PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Prices must include for all cross and windbracing according to the manufacturer's instruction.

Prices must include for the design, plans and approval of all timber trusses and no claim shall be considered.

Pre-fabricated timber roof trusses shall comply with the requirements of SABS Specification 0163 and be constructed of South African pine as described in clause 8.5 to the designs shown on the Manufacturer's detail drawings. The timber shall be of cross-sectional dimensions shown, cut to correct lengths with ends square or at the required angle.

Trusses shall be assembled in truss fabricating jigs with the truss having the proper camber, all tightly clamped together with joints secured using approved connector plates of galvanised steel sheet. Connector plates shall be pressed into the timber simultaneously from both sides of the truss with a hydraulic press capable of exerting such pressure as will ensure complete penetration of the teeth into the timber.

The connector plates shall be of such size as will ensure that the joints so made will adequately withstand the forces exerted on the joints.

In coastal areas connector plates in buildings without ceilings shall be painted with two coats of epoxy tar complying with SABS Specification 801 Type 2, or rust neutralising paint.

Approval of pre-fabricated roofing systems, whether measured as an alternative or not, shall be subject to the following requirements:

- (a) The Manufacturer of the pre-fabricated trusses shall hold a certificate of competence issued by the Institute for Timber Construction.
- (b) A polyester print, size A1 having a minimum thickness of 0,5mm, shall be submitted by the Contractor to the Structural Engineer at an early stage for approval by the Directorate: Structural Engineering Services.
- (c) The drawings shall be signed by a Registered Professional Engineer
- (d) In the case of systems buildings, approval shall be given with submission of the contract drawings on acceptance of the tender.

The following minimum information shall be shown on the drawings:

- (a) Details of the roof system with the position of the rafters and purlins indicated thereon as well as typical elevations.
- (b) Bracing as recommended by the Institute for Timber Construction.
- (c) Sizes and grading of the timber components.
- (d) Truss sizes, e.g. height of ridge or angle of pitch.
- (e) Plate sizes for every construction point. (Code numbers only are deemed insufficient).

	f) Seperate connection details for hip, valley and jack rafters. (g) Maximum spacing for purlins and branderling to ceilings shall be according to Subclauses 7.6.1 and 7.6.2 and Clauses 7.8, 7.9 and 9.5. (h) The type of roof covering as well as the design load. Over and above the supervision undertaken by the Representative / Agent, the Truss Fabricator or his Design Engineer shall inspect the completed roof structure and issue a certificate of confirmation to the Department that: "The roof structure(s) has (have) been erected in accordance with the Design Engineer's drawings, as accepted by the Department, and the relevant details given in the manual "THE ERECTION AND BRACING OF TIMBER ROOF TRUSSES" issued by the National Timber Research Institute and the Institute for Timber construction". Joinery: Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc. Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes. All nailing of timber roof trusses, purlins, etc shall bemdone with galvanised nails. In coastal areas, copper, aluminium or stainless steel nails shall be used. Fixing: Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete. Where items are described as "bolted" the bolts have been measured elsewhere. <u>ROOFS ETC</u> <u>Sawn softwood:</u> 1 38 x 114mm Wall plate. m 25 <u>Wrought softwood:</u> 2 50 x 76mm Purlins. m 120 <u>Sundries:</u> 3 MiTek® eCo hurricane clip fixed using Permfix nails or bolts through pre-drilled holes. no 100 <u>PREFABRICATED ROOF TRUSSES, ETC.</u> <u>Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturers. Trusses to be a maximum of 1200mm centres and are to support metal roof covering. Ceilings are either gypsum plasterboard or claddit (suspended or fixed). Prices must include for the design , plans and approval of all timber trusses and no claim shall be considered. An Engineers approval certificate is required once the roof truss installation is complete and is for the contractors account.</u> Note: Bidders are referred to the Architects roof plan drawings accompanying these bills of quantities for tender purposes. Specifications and calculations of prefabricated roof must be supplied by the contractor on award of the contract. Descriptions (prices) shall be deemed to include design. 4 Double pitch roof truss with 5840mm span between plates to 15degree pitch including a 600mm overhang on one side no 8 5 Allow for bracing, cross bracing, connecting clips, fixing brackets, hurricane clips, etc., as required for fixing in position of roof trusses as described in accordance with the manufacturer's instructions.			
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<u>EAVES, VERGES, ETC</u>			
<u>Pressed fibre-cement:</u>			
6	15 x 225mm Fascia board three times drilled, and brass screwed to and including 38 x 50 x 114mm long S.A. Pine cleats twice brass screwed to rafter foot includinggalvanised steel H-profile jointing strips, screws, holes etc.	m	24
7	80 x 275 x 12mm Barge board drilled and brass screwed to purlin ends including galvanised steel Hprofile jointing strips, screws, holes etc.	m	20
8	Eaves soffit covering of 6mm thick fibre cement ceiling sheets including 38 x 38mm sawn softwood bandering along edges, along centre and at 400mm centres across sheets	m2	20
9	Extra on last for apex cut end.	no	8
10	Extra on last for splay cut end.	no	8
<u>DOORS, ETC</u>			
11	813 x 2032 Swartland EBCLNFS0 Deep moulded townhose side hung exterior door D1	No	12
12	813 x 2032 Swartland EBCLNFS0 Deep moulded townhose sliding exterior door D2	No	1
13	813 x 2032Tudor single hollow core door side hinged interir door D3	no	5
Carried to Section Summary 2			

SECTION NO. 2 : Building Work

BILL NO.8 : CEILINGS PARTITIONS AND ACCESS FLOORING

PREAMBLES

**For Preambles refer to " Department of Public Works & Infrastructure:
Specification of materials and methods to be used-PW371"**

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Ceilings

Unless otherwise described ceilings shall be deemed to be horizontal

Fixing

Items described as nailed shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete

Items described as plugged shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as bolted, the bolts have been given elsewhere

CEILING CONSTRUCTION, CORNICES, ETC.

Interior ceiling

6.4 mm thick gypsum ceiling boards (to comply with SABS 266-1982 or later revision) installed with longer lengths to suit room configurations with pre-painted "H" profile cover strips and fixed at right angles to timber branderling with all necessary accessories to strict manufacturer's specifications,

1	Ceilings including 38 x 50mm sawn softwood branderling at 400mm centres with cross branderling at joints, ends of sheets and at light fittings, etc.	m2	41
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2	Extra over for hinged trap door size 600 x 600mm.	No	1
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3	75mm Wide 'Gypsum" coved cornice plugged to walls including mitres, etc.	m	28
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Non-combustible polyester thermal insulation of a density of not less than 10kg/m3:

4	135mm Insulation in blanket form closely fitted and laid on top of branderling between roof timbers etc.	m2	41
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Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.9 : TILING

PREAMBLES

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. OW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.

Samples - With reference to all items and colour schemes: Samples off all items is to be presented for approval prior to any bulk orders. Please take note that most items will have at least six week delivery period, these approvals will only take place at dates off site meetings, the samples need to be approved well in advance to avoid any delays with lead time on orders.

All samples must remain in the sample room for the duration of the contract.

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

DETAIL DESCRIPTION AND SPECIFICATION

Note: It is the responsibility of the specialist tiler to study the drawings and design and to allow for the design and execution of special fixing accessories, expansion joints, etc

WALL TILING

200 x 200mm white glazed ceramic tiles fixed with approved adhesive and anti-bacteria grouting laid as per the manufacturer's specifications

1	On smooth plastered walls.	m ²	60
2	On narrow widths	m ²	12

Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.10 : IRONMONGERY

PREAMBLES

For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Finishes to ironmongery

Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list
BS Satin bronze lacquered
CP Chromium plated
SC Satin chromium plated
SE Silver enamelled
GE Grey enamelled
AS Anodised silver
AB Anodised bronze
AG Anodised gold
ABL Anodised black
PB Polished brass
PL Polished and lacquered
PT Epoxy coated
SD Sanded

Fixing:

Descriptions of wall mounted and floor standing ironmongery items shall be deemed to include for fixing in position and all fixing accessories
Descriptions of proprietary items shall be deemed to include fixing in position and all fixing accessories
Ironmongery to be Union or similar approved

HINGES, BOLTS, ETC

1	100 x 75 x 3mm thick heavy duty Stainless steel ball bearing butt hinge	No	24	
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LOCKSET

2	Four lever mortice lockset on plate complete with approved chromium plated handles.(CZ682-24-61 Union 2700conversion kit)	No	10	
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3	Paraplegic lockset incl handles on backplate with swing over indicator bolt and emergency release	No	1	
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LOCKS

4	Supply and install cabinet heavy duty door latch/slide catch suitable for internal cabinet doors, including all necessary fixings and ensuring proper alignment and operation.	no	1	
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5	Bathroom indicator bolt (Code: CZ8094SC)	no	13	
---	--	----	----	--

6	2X18SCMKD double cylinder lock MKD SC	no	13	
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BATHROOM FITTINGS

Bathroom fittings etc.:

7	Stainless steel toiler roll holder Code:TR2 or similar approved, plugged/ screwed to wall complete.	no	16	
---	---	----	----	--

8	SDS/S or similar approved soap dispenser plugged	no	8	
---	--	----	---	--

9	Supply and deliver heavy-duty pedal sanitary bins complete min 19L	no	6	
---	--	----	---	--

10	Supply, deliver and install wall-mounted baby changing station, manufactured from high-density polyethylene (HDPE) or equivalent non-porous, impact-resistant material with antibacterial surface finish, designed for commercial and healthcare environments. Unit to be foldable, space-saving and capable of supporting a minimum safe working load of 22 kg. Complete with integrated safety strap, concealed mounting brackets, bag hooks, and smooth, easy-to-clean surfaces. Install securely to manufacturer's specifications on reinforced wall substrate, including all fixings, supports, sealants, testing, commissioning and making good to adjacent finishes. Unit to comply with applicable health, safety and accessibility requirements.	no	2	
Carried to Section Summary 2				

SECTION NO. 2 : Building Work

BILL NO.11 : METALWORK

PREAMBLES

Tenders are advised to study the specification of materials and methods to be used (PW371), General trade preambles for building services DW10 and general specification for repair and renovations services W41 and all other relevant specifications, standards and documents

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

SUNDRY BRASS WORK:

Brass:

1	4 x 30mm Weatherbar set in concrete flush with floor finish one side.	m	2
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ALUMINIUM WINDOWS, DOORS, ETC

"NUKLIP TE NKCAFE" or similar approved powder coated aluminium windows, factory glazed with 6.38mm laminated safety glass with clip-on glazing beads, with neoprene seals and fixed with minimum three lugs per side in accordance with manufacturers instructions:

2	Window, size 600 x 600mm glazed with 6.38mm laminated safety glass.	no	9
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Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.12 : PLASTERING

PREAMBLES

Tenders are advised to study the specification of materials and methods to be used (PW371), General trade preambles for building services DW10 and general specification for repair and renovations services W41 and all other relevant specifications, standards and documents

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

SCREEDS

3:1 Cement plaster screeds steel trowelled on concrete:

1	25mm thick on floors, landings and ramps	m2	41
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GRANOLITHIC

Untinted granolithic on concrete:

2	25mm granolithic screed flooring to ablution areas, laid to falls where necessary, finished with a non-slip steel trowel finish, including waterproof additive	m2	41
3	100 x 100mm Coved triangular fillets skirtings against walls, etc.	m	92

INTERNAL PLASTER

Cement plaster on brick walls:

4	On walls.	m2	286
5	In narrow widths.	m2	48

EXTERNAL PLASTER

Cement plaster on brick walls:

6	On walls.	m2	122
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Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.13: PLUMBING AND DRAINAGE (PROVISIONAL)

PREAMBLES

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. OW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

Copper pipes

Pipes shall be hard drawn and half-hard pipes of the class stated. Class O (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground

Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60 mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained. In the case of pipes with diameters exceeding 60 mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained

Exposed concrete surfaces

Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gulley tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster

Excavations

No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling

"Soft rock" and "hard rock" shall be as defined in "Earthworks"

Flush pans

Flush pans shall have straight or side outlets and "P" or "S" traps as necessary

Stainless steel basins, sinks, wash troughs, urinals, etc

Where sanitary fittings are fixed to walls, silicone finish between fitting and wall Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable

Laying, backfilling, bedding, etc of pipes

Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions

Waste unions

Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings unless otherwise stated

	Where no manufacturers' instructions exist pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:			
	SABS 1200 L : Medium-pressure pipelines SABS 1200 LD : Sewers SABS 1200 LE : Stormwater drainage Pipe trenches etc shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200 DB :			
	Earthworks (Pipe trenches) Pipes shall be bedded in accordance with clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes) Unless otherwise described bedding of rigid pipes shall be class B bedding			
	<u>SOIL DRAINAGE</u>			
	Vitrified clay gulleys			
1	100mm Dished gulley not exceeding 1500mm deep	no	3	
	uPVC Soil pipes (SABS 791-1986):			
2	40mm Pipe and fixing to walls, falls, in concrete, etc.	m	20	
3	110mm Pipes vertically or ramped to cleaning eyes etc in and including trenches not exceeding 1000mm deep.	m	20	
4	110mm Pipes laid in ground not exceeding 1000mm deep including all excavations in earth, bedding cradle and blanket fill of selected granular material, main fill compacting in layers not exceeding 150mm thick, adjust moisture content to optimum and compact to a density of 90% Modified AASHTO in drain trenches including carting off surplus displaced material	m	100	
	Extra over uPVC pipes for fittings:			
5	40 mm Adaptor	no	50	
6	40 mm Bend	no	60	
7	40 mm Access bend	no	30	
8	110mm Access bend	no	40	
9	110 mm "GI two-way" vent valve	no	10	
	<u>SANITARY FITTINGS</u>			
	Grade 304 (18/10) stainless steel			
10	PLN 611 stainless steel single bowl inset sink (Code: 1010027), overall size 900 x 460mm including SPAZI F/1 plumbing kit.	no	1	
	"Vaal" or similar approved			
11	White vitreous china wash hand basin colour white(Code: ATBASS0), size 500 x 410mm with two semi-punched tapholes including fixing bolts	no	5	
12	White vitreous china closed coupled W.C. suite 100 top flush cistern	no	5	
13	Icon small urinal flat back wall hung urinal with push button top inlet spreader with concealed flush cistern	no	4	
14	Paraplegic 90 degree outlet pan and matching 9L cistern with purpose made CP side flush ;ever with bottom inlet water supply with bracket fixed pan	no	1	
	<u>WASTE UNIONS, ETC</u>			
	"Cobra Watertech" or similar approved			
15	32mm 303 CP basin waste plug	no	20	
16	90mm waste fitting	no	10	
17	"Franke Spazi F/2" or similar approved single bowl plumbing kit	no	10	

<u>TRAPS, ETC</u>			
"Cobra Watertech" or similar approved			
18	32 mm 345 CP bottle trap	no	10
<u>TAPS, VALVES, ETC</u>			
"Cobra Watertech" or similar approved			
19	15mm 1003/125 RB fullway gate valve	no	20
20	22 mm 1003/125 RB fullway gate valve	no	20
21	832/350F angle stop valve and 350mm braided flexi hose.	no	20
22	15mm LO-296 CP sink mixer	no	6
23	15 mm 111-15 Star Pillar tap	no	10
<u>WATER SUPPLIES</u>			
Class 2 copper pipes			
24	15 mm Pipe and fixing to walls, floors, in roofs, soffit of concrete slab in concrete, etc.	m	50
25	Ditto, but 22mm pipe	m	50
Extra over class 2 copper pipes for capillary fittings to DIN2856, ISO2016 and BS 864			
26	15mm Fittings	no	80
27	22mm Fittings	no	80
<u>Sundries</u>			
Excavate for and build stopcock chamber size 230 x 230mm in clear formed of half brick sides in cement mortar with 225 x 225 x 100mm cast iron box with hinged lid as Durban Corp. No. 5B set in and including 450 x 450 x 100mm thick cast cement concrete (15 MPa) kerb finished with 25mm untinted granolithic, including casing, filling in and ramming.			
28		no	2
<u>ELECTRIC WATER HEATERS</u>			
Electric water heaters:			
5 litre Hydroboil water boiler with white polyester powder coated finish screwed to and including plugs in plastered wall with connection to 15mm copper pipe including necessary connector. (Electrical connection elsewhere measured).			
29		no	1
<u>SANITARY PLUMBING (EXISTING)</u>			
Allow R80 000,00 for the alteration, refurbishment, upgrading and making good of existing ablution facilities within the clinic, (Maternity, staff ablutions, Labour and waiting area) including all necessary plumbing, drainage, sanitaryware, pipework, fittings, access control adjustments, builder's work, testing and commissioning complete.			
30			
<u>FIRE APPLIANCES ETC</u>			
Fire extinguisher			
31	4,5kg DCP fire extinguisher with wall bracket plugged to wall.	no	1
<u>TESTING</u>			
Allow R15 000,00 for the testing, commissioning, and verification of all new and refurbished plumbing and water supply installations, including all available water reticulation systems within the works.			
The scope shall include full pressure testing, flow testing, identification and rectification of defects, and confirmation of operational performance of all sanitary and water services installations. The works shall further include the supply, installation, and commissioning of booster pumps or pressure-enhancing systems where required to achieve and maintain adequate and compliant water pressure throughout the facility.			
32			

RAINWATER DISPOSAL		
Pre-painted aluminium rainwater goods:		
33	150 x 130 x 150mm High eaves gutter fixed to falls in continuous lengths at not exceeding 600mm centres with and including approved gutter brackets.	m 30
34	Extra over eaves gutter for stopped end.	no 4
35	Extra over eaves gutter for outlet for 100 x 75mm pipe.	no 4
36	Extra over rainwater downpipe for bend.	no 4
37	Extra over rainwater downpipe for shoe.	no 4
Carried to Section Summary 2		

SECTION NO. 2 : Building Work

BILL No. 14: GLAZING

PREAMBLES

For Preambles refer to "Department of Public Works & Infrastructure: Specification of materials and methods to be used - PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

PANELS, MIRRORS, ETC

6mm Silvered float glass copper backed mirrors with bevelled edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete

1 Mirror 450 x 800mm high with four screws

no

3

Carried to Section Summary 2

SECTION NO. 2 : Building Work

BILL NO.15: PAINTWORK

PREAMBLES

For Preamble refer to " Department of Public Works & Infrastructure: Specification of materials and methods to be used-PW371"

SUPPLEMENTARY PREAMBLES

Proprietary products in descriptions

Proprietary products shall be used as specified. Substitute products of similar quality and specification may only be used with prior approval by the Principal Agent.

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces

Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth

Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth

PAINTWORK, ETC EXISTING WORK

ON FLOATED PLASTER

Prepare surfaces and remove all loose material as recommended by the manufacturer, apply one undercoat and two finish coats of 'Dulux Trade Sterishield Diamond Eggshell' paint or similar approved

1	On internal walls	m ²	286
2	On external walls	m ²	122

ON WOOD

Prepare surfaces and remove all loose material as recommended by the manufacturer and apply one coat universal primer and two coats matt enamel Plascon paint or similar approved

3	On Single doors and frames	m ²	23
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ON FIBRE- CEMENT

Prepare surfaces, paint all nail heads with 'Plascon Galvogrip Metal Primer', apply one coat x345 Timesaver Sealer/Undercoat, stop with pollyfiller and apply two coats 'Plascon Polvin' super acrylic PVA paint or similar approved

4	On Ceiling	m ²	41
5	On barge boards	m ²	7
6	On fascia boards	m ²	6

Carried to Section Summary 2

<u>SECTION SUMMARY - Section 2</u>			
<u>Bill No</u>		<u>Page No</u>	
1	Alterations		
2	Earthworks		
3	Concrete Formwork and Reinforcement		
4	Masonry		
5	Waterproofing		
6	Roof coverings		
7	Capentry and joinery		
8	Ceilings, partitionings and access flooring		
9	Tiling		
10	Ironmongery		
11	Metalwork		
12	Plastering		
13	Plumbing and drainage		
14	Glazing		
14	Paintwork		
CARRIED TO FINAL SUMMARRY			

SECTION NO. 3 : EXTERNAL WORKS					
<u>TANKS INCL TANK STAND</u>					
Clearing of site					
1	Allow for clearing site including removing trees, shrubs etc. not exceeding 200mm girth, grubbing up roots and roughly levelling.	m2	13		
Excavation in earth not exceeding 2m deep					
2	Trenches.	m3	7		
Extra over all excavations for carting away					
3	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	7		
Risk of collapse of excavations					
4	Sides of trench and hole excavations not exceeding 1,5m deep	m2	20		
Keeping excavations free of water:					
5	Keeping excavations free of water.	item	1		
<u>FILLING</u>					
Earth filling obtained from the excavations and/or prescribed stock piles on site compacted to 93% Mod AASHTO density					
6	Backfilling to trenches, holes, etc	m3	4		
Filling of natural gravel material supplied by the contractor, compacted to 93% Mod AASHTO density					
7	Under floors	m3	4		
Compaction of surfaces.					
8	Compaction of ground surface under depth of 150mm, breaking down oversize material, adding suitable material from excavated material where necessary and compacting to 93% Mod AASHTO density. (LI)	m2	13		
<u>PROTECTION AGAINST TERMITES</u>					
<u>Soil insecticide:</u>					
9	Under floors, etc including forming and poisoning shallow furrows against foundation walls, etc and filling in furrows and ramming	m2	13		
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>					
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>					
20MPa/19mm concrete					
10	Strip footings	m3	2		
11	Surface beds on waterproofing	m2	2		
<u>TEST CUBES</u>					
12	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	no	4		
Finishing top surfaces of concrete smooth with a power float					
13	Surface beds, slabs, etc to falls	m2	13		
<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u>					
Smooth formwork to sides					
14	Walls in foundations (Provisional)	m2	40		
<u>MOVEMENT JOINTS ETC</u>					
Expansion joints with 12mm softboard (bitumen impregnated softboard between vertical concrete and brick surfaces					
15	Not exceeding 300mm wide	m	20		

<u>REINFORCEMENT (PROVISIONAL)</u>				
Fabric reinforcement				
16	Type 193 fabric reinforcement in concrete surface beds etc	m2	13	
<u>MASONRY</u>				
<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class I mortar:</u>				
17	One brick walls in superstructure	m2	5	
18	One brick walls on substructure	m2	4	
<u>FACE BRICKWORK</u>				
Firelight Travertine (FBX) facebricks pointed with square ruled recessed horizontal and vertical joints:				
19	Extra over brickwork for face brickwork externally.	m2	5	
20	Ditto, but in foundations (Provisional).	m2	4	
2,5mm Brickwork reinforcement				
21	150mm Wide reinforcement built in horizontally.	m	150	
<u>SUNDRIES</u>				
Provide and fix min 1.6 mm galvanized mild steel tie, secured around tank and built into concrete at four points, including cutting, bending, anchoring and all necessary fixing to ensure stability (Total for one tank = 12 meters)				
22		no	2	
23	375 micron damp proof sheeting under surface beds.	m2	13	
<u>TANKS</u>				
5000 Litre polyethylene rotomoulded vertical water storage tank complete with lid, fitted with and including 15mm brass bibtap (Type 108LK15) with suitable adaptor and setting in position on concrete tankstand (elsewhere measured) and tying down with 4mm diameter galvanised wire wrapped twice around centre of tank and secured to each corner of tank stand with a double strand of 4mm diameter galvanised wire embedded into concrete. (Note: tanks to be filled with water before Practical Completion)				
24		no	2	
<u>SEPTIC TANK AND SOAKAWAY</u>				
The following in Septic Tank including necessary planking and strutting and keeping excavations dry				
<u>BULK EXCAVATION, FILLING, ETC</u>				
Excavate in earth not exceeding 2m deep:				
25	Holes/ Septic tank	m3	45	
Extra over bulk excavations in earth for excavation in				
26	Soft rock	m3	5	
27	Hard rock	m3	1	
Extra over all excavations for carting away				
Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor				
28		m3	39	
<u>Risk of collapse of excavations</u>				
29	Sides of bulk excavations exceeding 1,5m deep	m2	40	
<u>Keeping excavations free of water</u>				
30	Keeping excavations free of water other than subterranean water	item	1	
<u>FILLING ETC</u>				
Earth filling obtained from the excavations, including haulage approximately 1m from the perimeter of the excavations (not compacted)				
31	Backfilling behind retaining walls	m3	7	

	Compaction of surfaces.			
32	Compaction of ground surface under depth of 150mm, breaking down oversize material, adding suitable material from excavated material where necessary and compacting to 95% Mod AASHTO density. (LI)	m2	11	
	Prescribed density tests on filling:			
33	Allow for compaction tests by an approved laboratory to determine density of filling material.	no	6	
	<u>PROTECTION AGAINST TERMITES</u>			
	Soil insecticide:			
34	Under floors and sides of excavations etc including forming and poisoning shallow furrows against foundation walls, etc and filling in furrows and ramming	m2	51	
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	20MPa/19mm concrete			
35	Surface beds on waterproofing	m3	2	
36	Slabs including propping up not exceeding 1.5m	m3	4	
	Finishing top surfaces of concrete smooth with a power float			
37	Surface beds, slabs, etc to falls	m2	23	
	TEST CUBES			
38	Allow for Making a set of six test cubes, size 150 x 150 x 150mm and testing concrete comprehensive strength test cube specified by the engineer (Provisional)	no	2	
	<u>PERMANENT FORMWORK</u>			
	Rough formwork to soffits			
39	Soffits of slabs and horsing up not exceeding 2.0m high including removing from confined positions	m2	23	
	<u>REINFORCEMENT (PROVISIONAL)</u>			
	<u>Mild steel reinforcement to structural concrete work</u>			
40	Bars of various diameters.	t	0.40	
	<u>High tensile steel reinforcement to structural concrete work not exceeding 13,00m long</u>			
41	Bars of various diameters.	t	0.57	
	Fabric reinforcement			
42	Type 193 fabric reinforcement in concrete surface beds etc	m2	23	
43	Type 100 fabric reinforcement in concrete surface beds etc	m2	6	
	<u>MASONRY</u>			
	<u>BRICKWORK</u>			
	Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar in loadbearing walls etc hard burnt foundation bricks			
44	Half brick wall	m2	8	
45	One brick walls.	m2	30	
	2,5mm Brickwork reinforcement			
46	75mm Wide reinforcement built in horizontally.	m	50	
47	150mm Wide reinforcement built in horizontally.	m	200	

	Chip off projections, fill up crevices, cement wash with 1:6 cement and sand slurry and apply two coats 'Brixal' bitumen emulsion waterproof compound on:			
48	Outer face of inner skin of brick walls or hollow walls, including any additional labour required in raising wall in two separate skins and working around wire ties.	m2	32	
	Sundries			
49	Extra over one brickwall for opening size 110mm wide x 170mm high.	No	1	
50	Extra over one brickwall for opening size 220mm wide x 85mm high.	No	1	
51	Extra over one brickwall for opening for 75mm diameter pipe	No	1	
52	Extra over one brickwall for opening for 110mm diameter pipe.	No	1	
	Prestressed concrete fabricated lintols			
53	110 x 75mm Lintels in lengths not exceeding 3m built in over openings	no	3	
	INTERNAL PLASTER			
	Cement plaster on brick walls:			
54	On walls.	m2	0	
	PLUMBING			
	uPVC			
55	110mm Pipes	m	15	
56	110mm Bend	no	4	
57	110mm Junction	no	4	
	Manhole covers, etc			
58	600mm diameter Manhole cover heavy duty cast iron grating and frame	no	3	
	STORMWATER			
	The following in Stormwater channels and aprons			
	<u>(25MPa) open stormwater channels with V-shaped waterway formed in top, finished smooth on all exposed surfaces</u>			
59	1000 x 110mm open concrete stormwater channel with 700 x 60mm deep 'V' channel with rounded salient edges and finished on exposed surfaces with (2:1) cement mortar, laid to falls in panels not exceeding 3,0m long with 12mm bitumen impregnated softboard movement joints with exposed edges raked out for adepth of 10mm and filled with bituminous compound on suitable 150mm subbase material compacted to 93% Mod A.A.S.H.T.O. density, including all necessary excavations, 250 micron dpm, formwork, ref 100 mesh, compaction, grading, carting away, etc.	m	28	
60	Extra over channel for angles, intersections, ends, etc.	no	4	
61	Extra over for widening concrete to form spreader 2500mm wide extreme for a length of 1250mm and bedding 150 x 150 x 150mm stone pitching embedded in newly cast wet concrete spaced at 300mm centre spacings to falls including brushing concrete between stones.	no	5	
	APRONS			
	Site Clearance, Excavations, Filling, Etc.			
61	Allow R10 000.00 to set out the works and protect existing services prior to commencement.	item	1	
62	Excavate in earth for apron construction to the required depth	m3	30	
63	Cart away surplus excavated material to an approved disposal site.	m3	15	
64	G5 filling, selected and supplied by the Contractor, deposited in layers not exceeding 150mm thick, watered and consolidated to 95% mod AASHTO density under floors, etc.	m3	15	

65	Rip, scarify, mix and consolidate top 150mm of sub grade to 95% mod AASHTO density	m2	100		
	Prescribed density tests on filling:				
66	Allow for compaction tests by an approved laboratory to determine density of filling material.	no	4		
	Soil poisoning				
67	Under floors, etc including forming and poisoning shallow furrows against foundation walls, surface beds, etc and filling in furrows and ramming	m2	100		
	<u>VIBRATED REINFORCED CONCRETE</u>				
	<u>25 MPa/19 mm concrete laid to falls away from the building.</u>				
68	Aprons around building	m3	10		
	<u>Finishing top surfaces of concrete smooth with a wood float:</u>				
69	Aprons around building	m2	100		
	<u>TESTING</u>				
70	Concrete test cubes size 150 x 150 x 150mm overall including testing (Provisional).	no	4		
	<u>SMOOTH FORMWORK</u>				
	Formwork to Sides and Soffits:				
71	Formwork to edge of slab not exceeding 300mm high	m	50		
	<u>MOVEMENT JOINTS, ETC</u>				
	<u>10mm Thick "Sondor Jointex" or equally approved impregnated fibre board isolation joint filler between vertical concrete surfaces</u>				
72	10mm Joints not exceeding 300mm high or wide.	m	50		
	<u>Isolation joints with closed-cell expanded polyethylene foam between vertical brickwork and concrete surfaces</u>				
	<u>Saw cut joints</u>				
73	3 x 30mm Saw cut joints in top of concrete.	m	50		
	Fabric reinforcement				
74	REF. 193 fabric reinforcement in concrete surface beds, slabs, etc.	m2	100		
	<u>250Micron Embossed Dampproof Sheeting</u>				
75	Under concrete slabs.	m²	100		
	Allow R10 000.00 to make good disturbed areas adjacent to the apron, including reinstatement of topsoil, paving, grassing or gravel to match existing conditions.				
76		item	1		
	CARRIED TO FINAL SUMMARY				

SECTION NO. 3 : OHS					
BILL NO 1: OCCUPATIONAL HEALTH AND SAFETY ACT					
1	Preparation of the Contractor's site specific Health and Safety plan	Item	1		
2	Provision of Personal Protective Equipment (PPE) Note: Tenderer to provide quantity for full component of staff for contract period Overalls with reflective strips including the contractor's logo and proof of induction				
2.1		Sum	1		
2.2	Hard Hats (High Density polyethylene, & 6-point lining)	Sum	1		
2.3	Safety boots/shoes (Steel-Toe)	Sum	1		
2.4	Earplugs/muffs	Box	5		
2.5	Dust Mask (at least FFP2 type)	Box	5		
2.6	Safety gloves	Sum	1		
2.7	Ear Defenders SABS approved	Sum	1		
2.8	Reflective vest for Visitor and Supervisors	Sum	1		
3	Cost of medical certificates and medical surveillance per employee Note: Tenderer to provide quantity for full component of staff for contract period				
3.1	Initial (baseline) medical examinations	Sum	1		
3.2	Provision of First Aid Boxes to GSR requirements	Sum	1		
3.3	Working At heights medicals				
3.4	Working at heights fall arrest equipment				
4	Fire and emergency prevention signage,	Sum	1		
5	Vaccination (sewer works)	Sum	1		
6	Adhoc: Any OHS & HBA related requirements not listed above				
6.1	Close out H& S files scanned electronically with original files to CHSA.	Sum	1		
Carried to final summary					

SECTION NO. 4 : Provisional sums
PROVISIONAL SUMS

GENERAL ELECTRICAL INSTALLATION

Allow the Provisional Sum of R70 000.00 (Seventy Thousand Rands) for Servicing existing, installation, replacing components where necessary, including but not limited to: distribution boards, conduits, wiring, trunking, cable trays, switches, sockets, light fittings, circuit protection devices, earthing and bonding, as well as connection to mains supply. All works to comply with SANS standards and relevant codes of practice. Rates to include all incidental costs necessary to deliver a fully operational system up to and including the provision of a CoC of works conducted by a certified person

1	person	Prov Sum		R	70 000.00
2	Allow for Profit.	Item	1	R	3 500.00
3	Allow for Attendance	Item	1	R	3 500.00

SIGNAGE

Allow a Provisional Sum of R15 000.00 (Fifteen Thousand Rand) for the supply and installation of an ECDoH-approved signage, including fabrication and erection of the signboard mounted on steel supports anchored in concrete footings.

The allowance shall include steel posts, excavation for foundations, concrete footings, fixing of the service board, bracing where required, protective coatings to steelwork, installation, and making good to surrounding surfaces.

4		Prov Sum		R	15 000.00
5	Allow for Profit.		1	R	750.00
6	Allow for Attendance.		1	R	750.00

EXISTING ABT ABLUTIONS REPAIR

Allow R80 000.00 for repairs and refurbishments to existing ABT Ablutions including but not limited to structural floor reconditioning and installation of new vinyl sheeting, repair and replacement of damaged sanitary fittings. Repair works complete

7		Prov Sum		R	80 000.00
8	Allow for Profit.		1	R	4 000.00
9	Allow for Attendance.		1	R	4 000.00

CARRIED TO FINAL SUMMARY

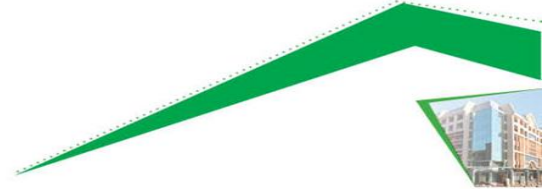
ABLUTIONS RESPONSE TO MALUTI CHC IN ALFRED NZO REGION			
<u>FINAL SUMMARY</u>			
2	BUILDING WORK		
3	EXTERNAL WORKS		
4	OHS		
5	PROVISIONAL SUMS		
SUB TOTAL			

SOCIO ECONOMIC SPECIFICATION

Item	Description	Uom	Quantity	Rate	Amount
<u>SECTION NO. 5 : SOCIO ECONOMIC SPECIFICATION</u>					
<u>PREAMBLES</u>					
	Submission of a tender will be deemed to signify a Tenderer's willingness to recruit and train candidates as well as his acceptance that such recruitment and training shall form an integral part of his obligations under this contract.				
<u>SUPPLEMENTARY PREAMBLES</u>					
	Where indicated rates shall also include all costs and expenses in connection with module tests such as Training Performance Criteria (TPC) and Production Performance Criteria (PPC) tests. (Note: No payment shall be made for institutional training in the case of failures where candidates have not done the necessary aptitude tests at the recruitment stage).				
<u>SOCIAL AND ECONOMIC DELIVERABLES</u>					
<u>PROVISIONAL SUMS</u>					
Community Liaison Officer					
	Allow a sum of R 144 000.00 (One Hundred and Fourty Four Thousand) for placement of 3 (Three) community liaising officers to be employed by the main contractor for the duration of contract (Salaries stipulated at R 6 000.00pm)				
1					
1.1	Queens Mercy Clinic				R 48 000.00
1.2	Magadla Clinic				R 48 000.00
1.3	Maluti CHC				R 48 000.00
<u>PROVISION FOR PROJECT STEERING COMMITTEE</u>					
	Provide R30 000.00 to cover costs associated with the establishment and operation of the Project Steering Committee, including meeting logistics, venue hire, travel, catering, documentation, and other incidental expenses as may be directed by the Client or Engineer. Expenditure to be made in accordance with the Client's instructions and supported by relevant documentation.				
2					R 30 000.00
3	Attendance				R 1 500.00
<u>CARRIED TO GRAND FINAL SUMMARY</u>					
					R 175 500.00

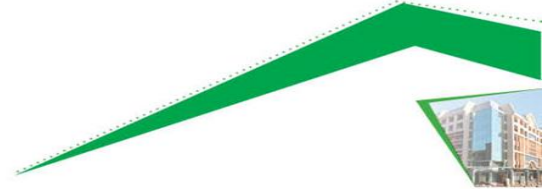
GRAND FINAL SUMMARRY

INFRASTRUCTURE IMPROVEMENTS TO 3 FACILITIES IN ANZDM DISTRICT		
ITEM	TRADE	Amount
1	P&G's	R -
2	QUEENS MERCY CLINIC	R -
3	MAGADLA CLINIC	R -
4	MALUTI CHC	R -
5	SOCIO ECONOMIC SPECIFICATION	R -
	SUB TOTAL 1	R -
<u>CONTINGENCY</u>		
	Allow the sum of R250 000.00 (Two Hundred and Fifty Thousand Rands for Contingencies to be used or deducted in full at the Principal Agent's discretion.	R 250 000.00
	SUB TOTAL 2	R -
	VAT @ 15%	R -
	GRAND FINAL SUMMARY	R -



ANNEXURE B

PART C3 SCOPE OF WORKS



C3 SCOPE OF WORK

Project Name:	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
Tender No:	SCMU5-AN26/27-0009

C3.1 SCOPE OF WORKS

QUEENS MERCY CLINIC SCOPE OF WORKS

DESCRIPTION OF THE WORKS:

Repairs, renovations and refurbishments to existing Queens Mercy Clinic

- Located in Queens Mercy Location, near Matatiele, Alfred Nzo District

The facility coordinates are as follows:

GPS: Latitude -30.264017, Longitude 28.549715

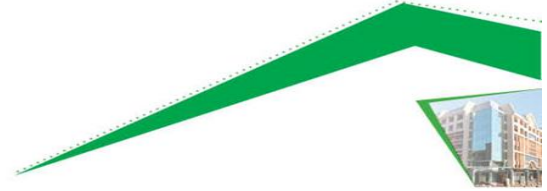
Priority Areas

- Main Clinic
- Ablutions (Waterborne & VIP)
- Guard House
- Nurses' Home
- Administration Office
- Disabled Ablution Conversion
- External Works
- Water Supply Infrastructure
- Stormwater Management
- New ABT Storage Unit

Detailed Scope of Works

1. Water Supply Infrastructure

- Demolish three existing water tank stands.
- Construct three reinforced concrete tank stands.
- Supply and install new water storage tanks complete with pipework.



- Service existing borehole pump and associated controls.
- Service all booster pumps.
- Replace defective valves, non-return valves and pipework where necessary.
- Pressure test the entire water reticulation system.
- Reinstate all disturbed surfaces.

2. New Storage ABT Unit

Supply and install a 15 m² insulated sandwich panel ABT storage unit, delivered reticulated and ready to be commissioned

3. VIP Ablutions

- Desludge all VIP toilets.
- Replace eight timber doors complete with frames and ironmongery.
- Install occupancy indicators and pad bolts.
- Replace damaged roof structure and roof sheeting.
- Replace sanitary fittings.
- Repaint walls.
- Repair and repaint external floor surfaces.
- Replace damaged ventilation cowls.

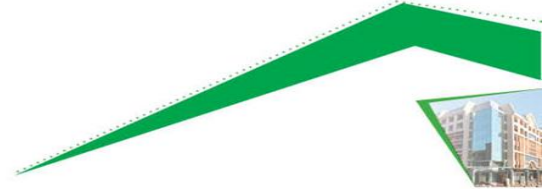
4. Waterborne Ablutions

- Replace WCs.
- Replace damaged sanitary fittings
- Test drainage system.
- Polish floors.

5. Main Clinic

Building Fabric

- Replace damaged timber doors complete with frames.
- Replace damaged door handles.

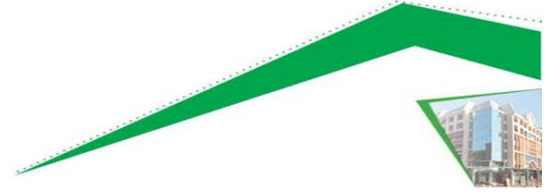


- Replace cabinet roller catches.
- Replace damaged locks.
- Align all metal door frames.
- Install brass weather bars.
- Repair and replace damaged ceilings incl Reinststate missing cornices
- Replace damaged soffits.
- Repair plaster cracks.
- Replace timber skirtings.
- Install upper shelving.
- Replace damaged window ironmongery.
- Replace broken glazing.
- Replace damaged electrical light fittings.
- Repaint walls and ceilings.
- Repaint doors and frames.
- Polish all floors.
- Door signage

6. Nurses' Home

- Repair doors.
- Replace broken glazing and damaged window putty.
- Replace damaged skirtings.
- Replace damaged electrical fittings.
- Repaint external walls.
- Repaint doors and frames.
- Polish floors.
- Replace defective window hardware.

7. Guard House



- Replace entrance door.
- Replace broken glazing and putty.
- Replace ceilings.
- Replace vinyl floor finish with heavy-duty vinyl sheeting.
- Replace skirtings.
- Replace damaged electrical fittings.
- Repaint walls, doors and frames.
- Polish floors.

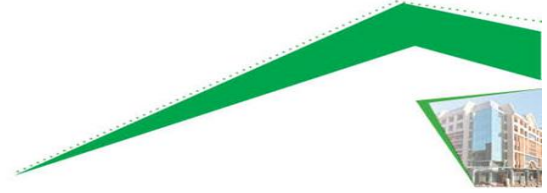
8. Administration Office Alterations

- Replace louvred window with aluminium window.
- Form new doorway.
- Brick up redundant doorway.
- Construct new service hatch.
- Repaint walls.
- Replace light fittings.
- Polish floors.

9. Disabled Ablution Conversion

Convert the existing room into an extension of Administration:

- Remove sanitary fittings.
- Retain sink.
- Brick up doorway.
- Form service hatch.
- Install vinyl flooring.
- Install shelving.
- Provide waiting/seating area.
- Repaint walls.



- Replace light fittings.

10. External Works

Building Envelope

- Replace damaged fascias.
- Replace gutters.
- Repair downpipes.
- Waterproof roof.
- Prepare and repaint walls and roof.

Verandahs

- Repair verandah surfaces.
- Repaint verandah floors.

Weather Protection

Supply and install:

- Galvanised steel support columns.
- Polycarbonate side cladding.

Stormwater

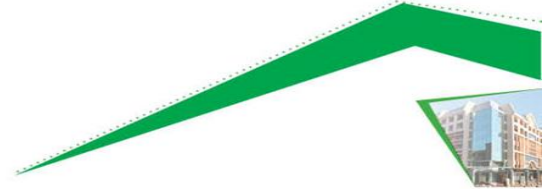
Construct:

- Concrete aprons.
- V-drains.
- Surface channels.
- Catchpits.
- Kerbing.

Access

Construct:

- Concrete walkways.
- Kerbs.
- Ramp improvements where necessary.



Security

Supply and install:

- Manual boom gate.
- Steel-framed canopy.
- New facility signage.

11. Electrical

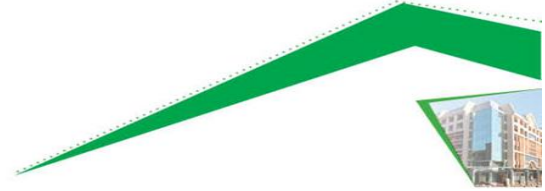
- Replace defective light fittings.
- Replace damaged switches.
- Replace damaged plug sockets.
- Test electrical installation and Issue Certificate of Compliance.

12. Mechanical

- Service air-conditioning units.
- Replace defective condensate drains.
- Clean filters.
- Test operation.

13. Painting

Repainting of surfaces (walls, ceilings, doors etc).



2. MAGADLA CLINIC

Priority Areas

- Main Clinic
- Nurses' Home
- Water Supply Infrastructure
- External Works
- Decanting ABT Unit (80 m²)
- Signage
- Stormwater Management

GPS Coordinates:

Latitude: -30.337923003188624, Longitude: 28.6827133117792

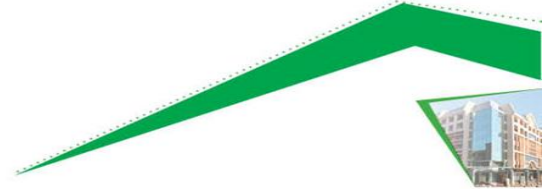
Detailed Scope of Works

1. Water Supply Infrastructure

- Service borehole.
- Service borehole pump.
- Service electrical fittings.
- Replace defective pipework.
- Test pumping system.
- Reinstate disturbed areas.

2. Waterborne Ablutions

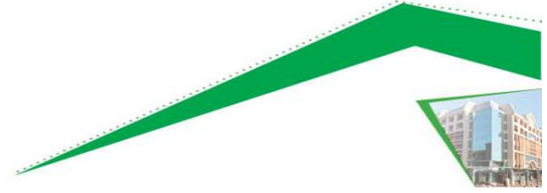
- Replace sanitary fittings.
- Replace damaged taps.
- Install medical elbow mixer taps.
- Replace plumbing fittings.
- Test drainage system.



3. Main Clinic

Building Works

- Replace damaged timber doors.
- Replace external double entrance doors.
- Replace locks.
- Replace handles.
- Replace cabinet catches.
- Align door frames.
- Install weather bars.
- Repair doors.
- Replace glazing.
- Replace window putty.
- Replace vinyl flooring with healthcare-grade vinyl sheeting.
- Replace ceilings.
- Replace skirtings.
- Install shelving.
- Replace damaged shelving in surgical store.
- Install security gates.
- Replace electrical fittings.
- Repaint walls.
- Repaint ceilings.
- Repaint doors.
- Replace roof covering.
- Replace fascias.
- Replace gutters.
- Waterproof roof.
- Signage



- Cracks stapling

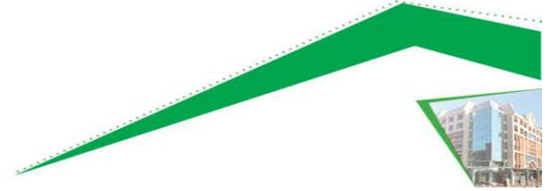
4. Nurses' Home

- Replace damaged ceilings.
- Refurbish skirtings.
- Waterproof roof.
- Repaint roof.
- Replace fascias.
- Replace gutters.
- Replace electrical fittings.
- Repaint walls.
- Repaint doors.
- Repaint frames.

5. Decanting Facility

Supply and install an 80 m² insulated decanting ABT building including:

- One consulting room.
- One treatment room.
- Ablution.
- Medicine store.
- Air-conditioning.
- Electrical installation.
- Plumbing installation.
- Mechanical ventilation.
- Distribution board.
- Internal lighting.
- External lighting.
- Data points.



- Connection to existing services.

7. External Works

- Repair ramps.
- Construct stormwater drainage.
- Install signage.
- Repair elevated tank stand
- Supply tanks and connect pump for nurses home

8. Electrical

- Replace damaged electrical fittings.
- Test installation.

Issue Certificate of Compliance.

MALUTI CHC

DESCRIPTION OF THE WORKS:

INFRASTRUCTURE IMPROVEMENTS TO MALUTI CHC IN MALUTI, ALFRED NZO DISTRICT

- Located in Maluti, Alfred Nzo District

The facility coordinates are as follows:

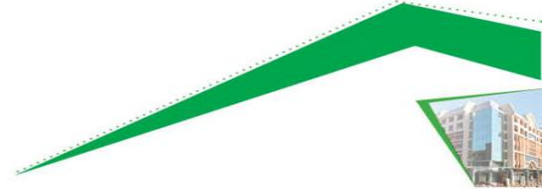
GPS: Latitude -30.265298277849134, Longitude 28.789202367597852

PRIORITY AREAS

- **New Ablutions**
- **External Wating area Ablutions**
- **Maternity Ward Ablutions**
- **Doctors ablutions**
- **Labour unit Ablutions**
- **ABT Ablutions**
- **External Works:** Sewer and soak-away, tank stands and tanks

DETAILED SCOPE OF WORKS

The list below indicates the identified works for Maluti CHC, intended to improve the facility's infrastructural conditions.



New Ablutions

Construction of a 66m² ablution plastered walls and metal roof sheeting block comprising of the following additional ablution facilities:

- 3 x Female ablutions
- 2 x Male ablutions
- 1 x Male urinal section with 4 pans
- 2 x Baby changing station, including waste bins
- 4 x wash hand basins (2 in male and 2 in female)
- 1x disable toilet suite
- 1 x Water storage tank connected to the ablution facilities including rainwater goods and pump

Complete with toilet paper holders, waste bins, and soap dispensers, water heaters

Construction of a 6m³ capacity brick and mortar septic tank connected to sewer line with 4.56m³ soak-away.

Existing Ablutions

Existing Waiting Area Ablutions

Conversion of existing male and female ablutions layout within the current waiting area into:

- Male
- Female
- Disabled ablutions

Including opening and bricking up of all in accordance with PA instructions. The contractor is to make good all connections and drainage systems and provide or replace all missing sanitary fixture components

Existing Maternity Ablutions (Room 41)

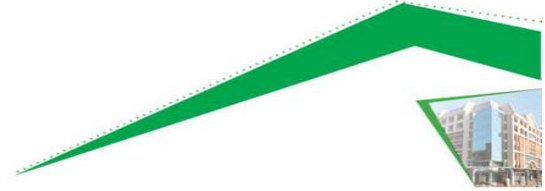
Conversion of existing male and female ablutions layout, including opening and bricking up of all in accordance with PA instructions. The internal layout shall comprise:

- 2 x Standard WC's
- 1 x Disabled WC
- 1 x Shower
- Access control

The contractor is to make good all connections and drainage systems and provide or replace all missing sanitary fixture components.

Doctor Ablutions

Repair to existing fixtures including make good all connections and drainage systems and replace any missing sanitary fixture components, including opening and bricking up of all in accordance with PA instructions. The section is to remain access controlled.



Labour Unit WC

This ablution is to be converted into a staff-only ablution with controlled access. The conversion is to comprise of repair to existing fixtures including make good all connections and drainage systems and replace any missing sanitary fixture components, including opening and bricking up of all in accordance with PA instructions. The section is to remain access controlled.

ABT Ablutions

This ablution is to be converted into a staff-only ablution with controlled access. The conversion is to comprise of repair to existing fixtures including make good all connections and drainage systems and replace any missing sanitary fixture components, including opening and bricking up of all in accordance with PA instructions. The section is to remain access controlled.

The contractor is to test all new and refurbished installations

C3.2 METHODOLOGY OF PROJECT EXECUTION

Contractor will be given access to the works at date of Site possession. However, the facility will be operational during construction. The contractor is to make necessary means and arrangements that the daily operations of the facility are not disrupted. The contractor is to further ensure that health and safety measures are put in place during construction to protect users and workers of the facility.

All external related works (underground services, paving, roads, etc.) to be programmed and agreed with Project Manager / Principal agent

C3.3 PROJECT REVIEW

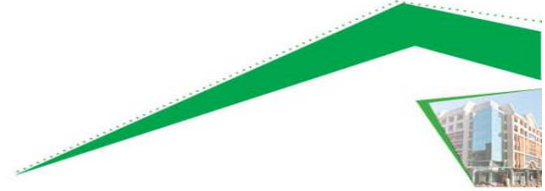
Repairs and renovations to Queens Mercy Clinic, Magadla Clinic, Maluti CHC.

C3.4 RESTRICTIONS AND CONSTRAINTS

- The completion of the project is urgent, and work shall be executed during normal working hours i.e. 7h00 till 17h00 daily including weekends.
- Noise must be kept to a minimum and within acceptable levels at all times
- Dust emanating from the work site must be controlled at all times.

C3.5 OPERATIONAL PROTOCOLS

- Security is a priority, and the site shall be kept safe at all times.
- The approved Health and Safety plan shall be adhered to at all times
- All staff members of the contractor shall wear PPE at all times
- All staff members of the contractor shall be specifically identifiable at all times and to this end shall wear a predetermined coloured overall to be able to enter and work on the site.
- Regular meetings, the frequency of which is to be determined, shall be held with the management of the adjacent hospital to always ensure a cohesive spirit of co-operation



C3.6 ACCESS AND SITE ESTABLISHMENT

- Prospective bidders are to fully familiarize themselves with the site and access to the site and restricted area for site establishment. Allowance for temporary construction access etc. shall be deemed to be included in contractor's price/bid. Prospective bidders are to familiarize themselves with the site as no additional costs shall be entertained.
- Identified area for site establishment shall be pointed out to prospective bidders at mandatory site inspection. The contractor shall be liable for security, fencing (if required), water, sewer, ablutions, electricity, etc. for the site establishment area. No Contractor's representatives, worker are allowed to sleep at establishment area

C3.7 ACCEPTANCE OF TENDERS

- The Employer is not bound to accept the lowest, or any tender, or any portion of any tender

C3.8 MINIMUM WAGE

- The Contractor shall adhere to "The national minimum wage determined by the Minister in accordance with the National Minimum Wage Act (NMWA)", and yearly pronounced increases for duration of contract.

C3.9 TEMPORARY WORKS

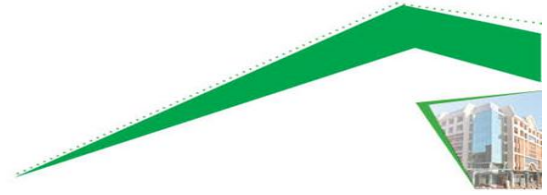
- All temporary work to comply with the Construction Health and safety Act (Act 85 of 1993) and its regulations.

C3.10 EMPLOYER'S DESIGN

N/A

C3.11 DESIGN BRIEF

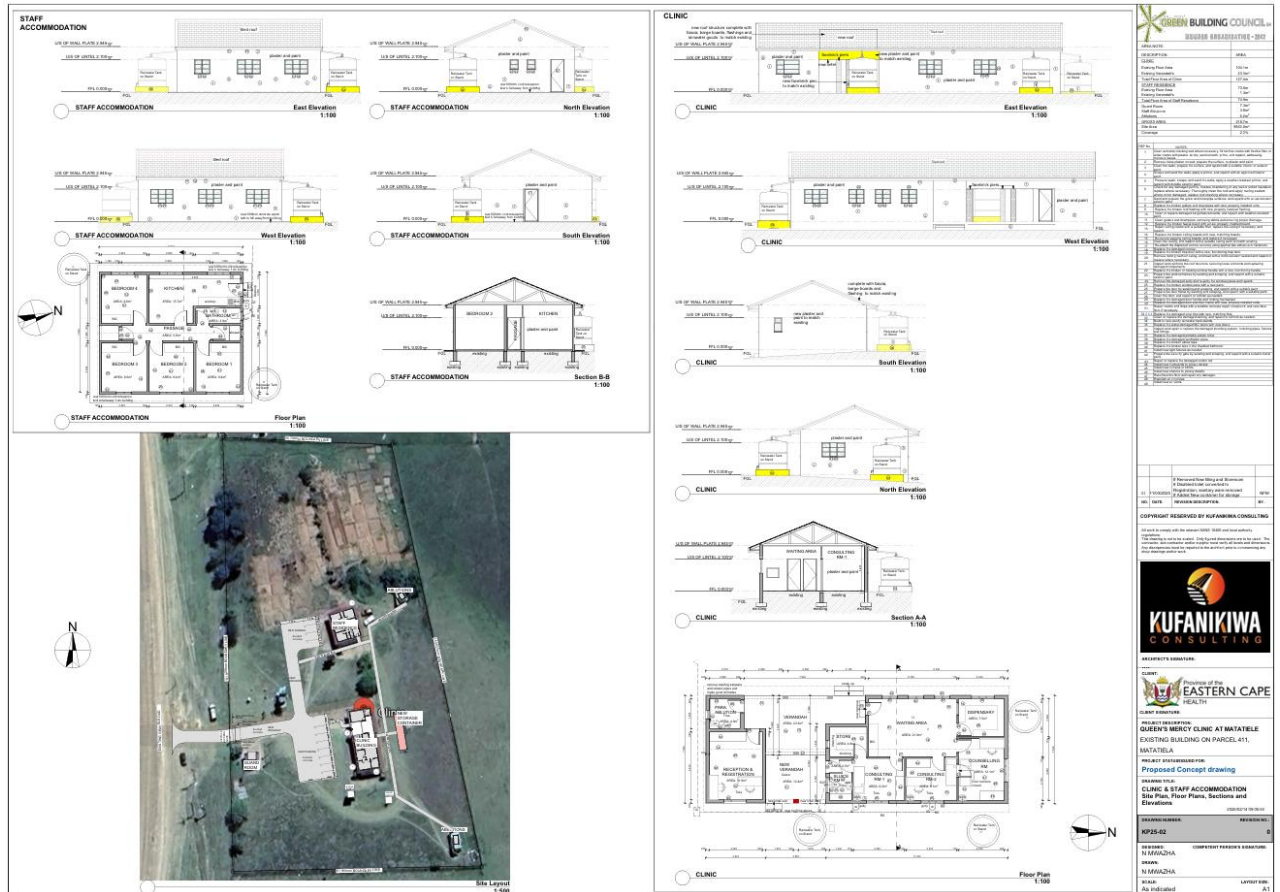
Refer to scope



C3.12 DRAWINGS



QUEENS MERCY CLINIC

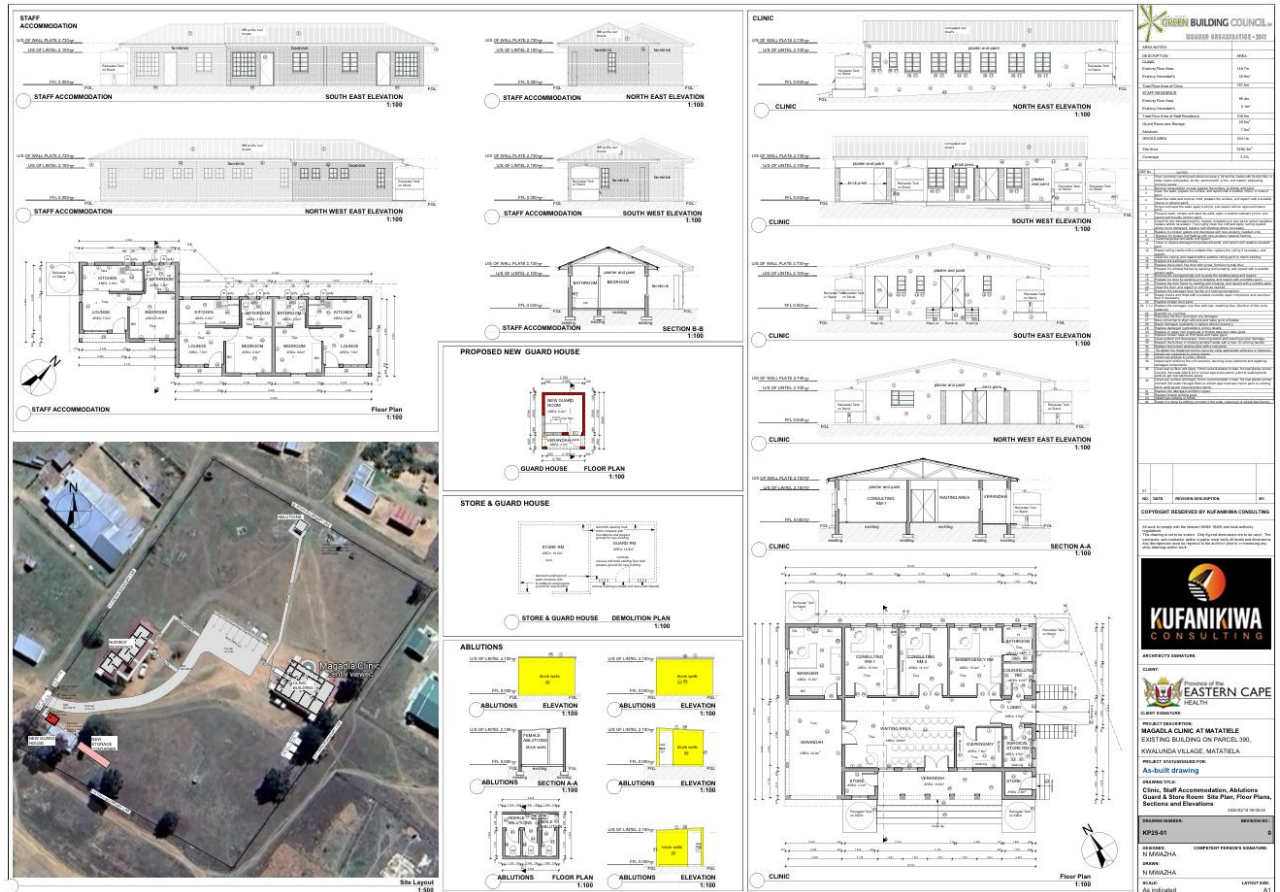


QUEENS MERCY CLINIC: FACILITY LAYOUT PLAN

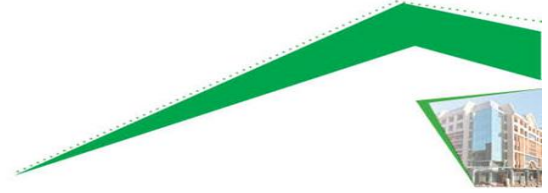


Site Layout

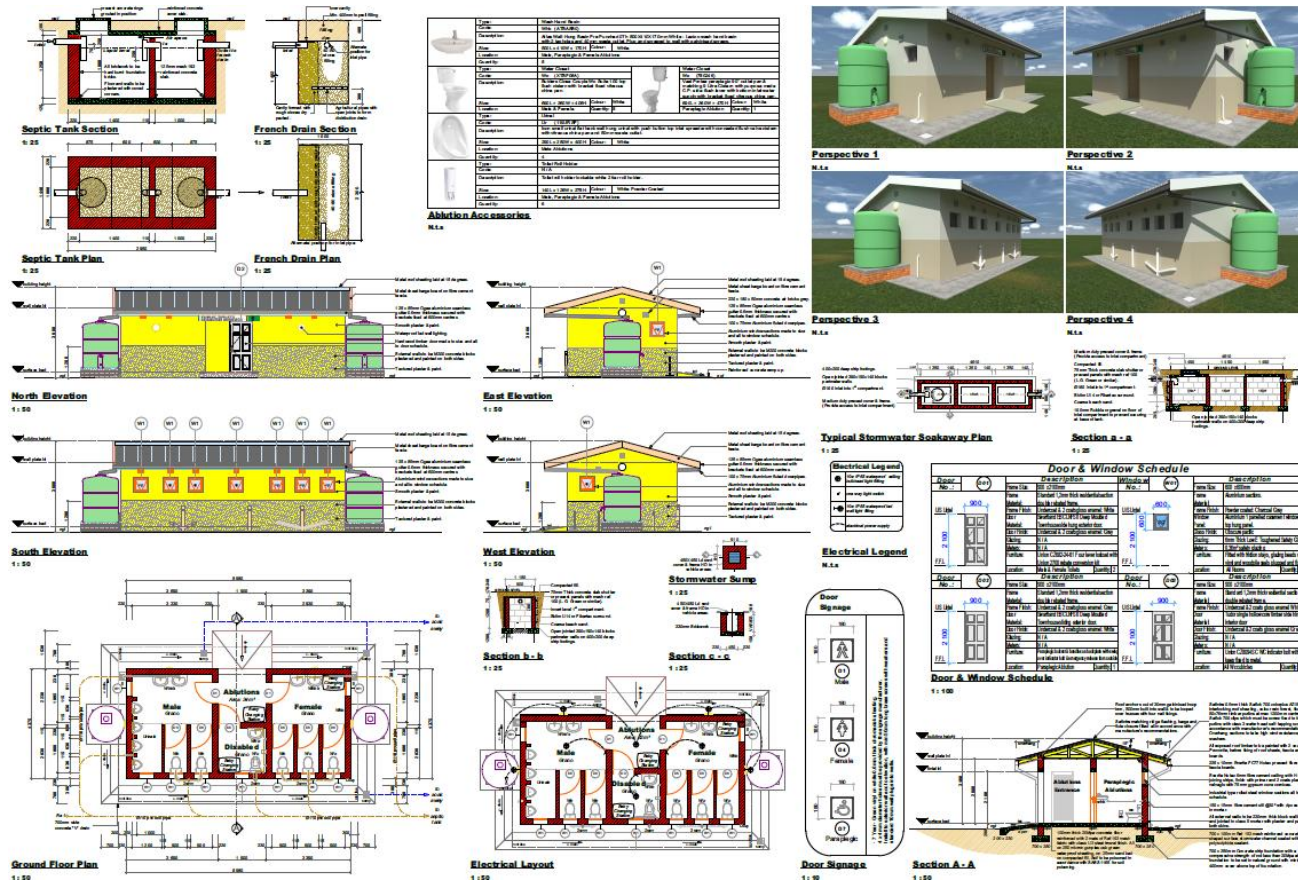
MAGADLA CLINIC: SITE LAYOUT



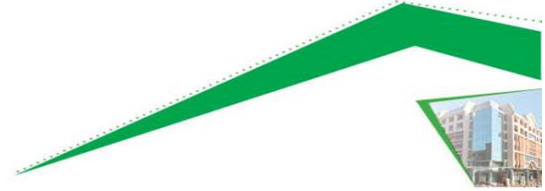
MAGADLA CLINIC



MALUTI CHC



Repairs And Renovations to Queens Mercy, Magadla Clinic and Maluti CHC Alfred Nzo District - SCMU5-AN26/27-0009



PART C4

SITE INFORMATION

C4.1 SITE INFORMATION

Project title:	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
Project Number:	SCMU5-AN25/26-0009

GENERAL

Prospective bidders to familiarize themselves with the locality, access, any other “restrictions”.
(Refer to *Scope of Works C3*)

The facilities are situated in the Alfred Nzo Region, under the Maluti Local Municipality in a location in Matatiele town, KwaLunda location and Maluti location, respectively

Existing Site/Premises to be fenced at all times.

Prospective bidders are to note that it is a condition of contract that the facility shall be always fenced and secure.

GEOTECHNICAL INVESTIGATION REPORT

N/A

ANNEXURE C

Occupational Health and Safety Specification

**Issued in terms of the Occupational Health and Safety Act, 1993
Construction regulations 2014**

PROJECT NAME	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
DISTRICT	ALFRED NZO DISTRICT
BID NO	SCMU5-AN25/26-0009

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2 SCOPE

2.1 Site Specific Specification

This health and safety specification pertains to the scope of works outlined in the tender document as well as in this OHS Specification document.

- Provides the overarching framework within which the Principal Contractor is required to demonstrate compliance with certain requirements for occupational health and safety established by the Occupational Health and Safety Act 85 of 1993 during work;
- Establishes the way the Principal Contractor is to manage the risk of health and safety incidents during construction; and
- Establishes the way the Client's Health and Safety Agent will interact with the Principal Contractor.

This specification establishes general requirements to enable the Principal Contractor to satisfy aspects of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993) and the relevant related regulations. The Principal Contractor is required to develop, implement and maintain a site-specific health and safety plan. The Client is required to provide certain site-specific information to the Principal Contractor or a health and safety specification for the works to enable such a plan to be formulated. Accordingly, this specification on its own cannot ensure compliance with the requirements of the Act.

A Client must stop any contractor from executing construction work which is not in accordance with the contractor's health and safety plan for the site or which poses to be a threat to the health and safety of persons.

3 Detailed Scope of Works:

Facilities: QUEENS MERCY AND MAGADLA CLINIC

C3 SCOPE OF WORK

Project Name:	REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT
Tender No:	SCMU5-AN26/27-0009

QUEENS MERCY CLINIC SCOPE OF WORKS

Infrastructure Improvements to the existing Queens Mercy Clinic

- Located in Queens Mercy Location, Alfred Nzo District

The facility coordinates are as follows:

GPS: 30°15'51.50"S || 28°32'58.43"E

Priority Areas

- Main Clinic
- Ablutions (Waterborne & VIP)

- Guard House
- Nurses' Home
- Administration Office
- Disabled Ablution Conversion
- External Works
- Water Supply Infrastructure
- Stormwater Management
- New ABT Storage Unit

GPS Coordinates

30°15'51.50"S | 28°32'58.43"E

Detailed Scope of Works

1. Water Supply Infrastructure

- Demolish three existing water tank stands.
- Construct three reinforced concrete tank stands.
- Supply and install new water storage tanks complete with pipework.
- Service existing borehole pump and associated controls.
- Service all booster pumps.
- Replace defective valves, non-return valves and pipework where necessary.
- Pressure test the entire water reticulation system.
- Reinstall all disturbed surfaces.

2. New Storage ABT Unit

Supply and install a 15 m² insulated sandwich panel ABT storage unit, delivered reticulated and ready to be commissioned

3. VIP Ablutions

- Desludge all VIP toilets.
- Replace eight timber doors complete with frames and ironmongery.
- Install occupancy indicators and pad bolts.
- Replace damaged roof structure and roof sheeting.
- Replace sanitary fittings.

- Repaint walls.
- Repair and repaint external floor surfaces.
- Replace damaged ventilation cowls.

4. Waterborne Ablutions

- Replace WCs.
- Replace damaged sanitary fittings
- Test drainage system.
- Polish floors.

5. Main Clinic

Building Fabric

- Replace damaged timber doors complete with frames.
- Replace damaged door handles.
- Replace cabinet roller catches.
- Replace damaged locks.
- Align all metal door frames.
- Install brass weather bars.
- Repair and replace damaged ceilings incl Reinstate missing cornices
- Replace damaged soffits.
- Repair plaster cracks.
- Replace timber skirtings.
- Install upper shelving.
- Replace damaged window ironmongery.
- Replace broken glazing.
- Replace damaged electrical light fittings.
- Repaint walls and ceilings.
- Repaint doors and frames.
- Polish all floors.
- Door signage

6. Nurses' Home

- Repair doors.
- Replace broken glazing and damaged window putty.
- Replace damaged skirtings.
- Replace damaged electrical fittings.
- Repaint external walls.
- Repaint doors and frames.
- Polish floors.
- Replace defective window hardware.

7. Guard House

- Replace entrance door.
- Replace broken glazing and putty.
- Replace ceilings.
- Replace vinyl floor finish with heavy-duty vinyl sheeting.
- Replace skirtings.
- Replace damaged electrical fittings.
- Repaint walls, doors and frames.
- Polish floors.

8. Administration Office Alterations

- Replace louvred window with aluminium window.
- Form new doorway.
- Brick up redundant doorway.
- Construct new service hatch.
- Repaint walls.
- Replace light fittings.
- Polish floors.

9. Disabled Ablution Conversion

Convert the existing room into an extension of Administration:

- Remove sanitary fittings.
- Retain sink.

- Brick up doorway.
- Form service hatch.
- Install vinyl flooring.
- Install shelving.
- Provide waiting/seating area.
- Repaint walls.
- Replace light fittings.

10. External Works

Building Envelope

- Replace damaged fascias.
- Replace gutters.
- Repair downpipes.
- Waterproof roof.
- Prepare and repaint walls and roof.

Verandahs

- Repair verandah surfaces.
- Repaint verandah floors.

Weather Protection

Supply and install:

- Galvanised steel support columns.
- Polycarbonate side cladding.

Stormwater

Construct:

- Concrete aprons.
- V-drains.
- Surface channels.
- Catchpits.
- Kerbing.

Access

Construct:

- Concrete walkways.

- Kerbs.
- Ramp improvements where necessary.

Security

Supply and install:

- Manual boom gate.
- Steel-framed canopy.
- New facility signage.

11. Electrical

- Replace defective light fittings.
- Replace damaged switches.
- Replace damaged plug sockets.
- Test electrical installation and Issue Certificate of Compliance.

12. Mechanical

- Service air-conditioning units.
- Replace defective condensate drains.
- Clean filters.
- Test operation.

13. Painting

Repainting of surfaces (walls, ceilings, doors etc).

2. MAGADLA CLINIC

Priority Areas

- Main Clinic
- Nurses' Home
- Water Supply Infrastructure
- External Works
- Decanting ABT Unit (80 m²)
- Signage
- Stormwater Management

GPS Coordinates

30°20'17.41"S | 28°40'57.77"E

Detailed Scope of Works

1. Water Supply Infrastructure

- Service borehole.
- Service borehole pump.
- Service electrical fittings.
- Replace defective pipework.
- Test pumping system.
- Reinstate disturbed areas.

2. Waterborne Ablutions

- Replace sanitary fittings.
- Replace damaged taps.
- Install medical elbow mixer taps.
- Replace plumbing fittings.
- Test drainage system.

3. Main Clinic

Building Works

- Replace damaged timber doors.
- Replace external double entrance doors.
- Replace locks.

- Replace handles.
- Replace cabinet catches.
- Align door frames.
- Install weather bars.
- Repair doors.
- Replace glazing.
- Replace window putty.
- Replace vinyl flooring with healthcare-grade vinyl sheeting.
- Replace ceilings.
- Replace skirtings.
- Install shelving.
- Replace damaged shelving in surgical store.
- Install security gates.
- Replace electrical fittings.
- Repaint walls.
- Repaint ceilings.
- Repaint doors.
- Replace roof covering.
- Replace fascias.
- Replace gutters.
- Waterproof roof.
- Signage
- Cracks stapling

4. Nurses' Home

- Replace damaged ceilings.
- Refurbish skirtings.
- Waterproof roof.
- Repaint roof.

- Replace fascias.
- Replace gutters.
- Replace electrical fittings.
- Repaint walls.
- Repaint doors.
- Repaint frames.

5. Decanting Facility

Supply and install an 80 m² insulated decanting ABT building including:

- One consulting room.
- One treatment room.
- Ablution.
- Medicine store.
- Air-conditioning.
- Electrical installation.
- Plumbing installation.
- Mechanical ventilation.
- Distribution board.
- Internal lighting.
- External lighting.
- Data points.
- Connection to existing services.

7. External Works

- Repair ramps.
- Construct stormwater drainage.
- Install signage.
- Repair elevated tank stand
- Supply tanks and connect pump for nurses' home

8. Electrical

- Replace damaged electrical fittings.
- Test installation.
- Issue Certificate of Compliance.

MALUTI CHC

DESCRIPTION OF THE WORKS:

INFRASTRUCTURE IMPROVEMENTS TO MALUTI CHC IN MALUTI, ALFRED NZO DISTRICT

- Located in Maluti, Alfred Nzo District

The facility coordinates are as follows:

GPS: Latitude -30.265298277849134, Longitude 28.789202367597852

PRIORITY AREAS

- **New Ablutions**
- **External Wating area Ablutions**
- **Maternity Ward Ablutions**
- **Doctors ablutions**
- **Labour unit Ablutions**
- **ABT Ablutions**
- **External Works:** Sewer and soak-away, tank stands and tanks

DETAILED SCOPE OF WORKS

The list below indicates the identified works for Maluti CHC, intended to improve the facility's infrastructural conditions.

New Ablutions

Construction of a 66m² abluion plastered walls and metal roof sheeting block comprising of the following additional abluion facilities:

- 3 x Female ablutions
- 2 x Male ablutions
- 1 x Male urinal section with 4 pans
- 2 x Baby changing station, including waste bins
- 4 x wash hand basins (2 in male and 2 in female)
- 1x disable toilet suite

- 1 x Water storage tank connected to the ablution facilities including rainwater goods and pump

Complete with toilet paper holders, waste bins, and soap dispensers, water heaters
Construction of a 6m³ capacity brick and mortar septic tank connected to sewer line with 4.56m³ soak-away.

Existing Ablutions

Existing Waiting Area Ablutions

Conversion of existing male and female ablutions layout within the current waiting area into:

- Male
- Female
- Disabled ablutions

Including opening and bricking up of all in accordance with PA instructions. The contractor is to make good all connections and drainage systems and provide or replace all missing sanitary fixture components

Existing Maternity Ablutions (Room 41)

Conversion of existing male and female ablutions layout, including opening and bricking up of all in accordance with PA instructions. The internal layout shall comprise:

- 2 x Standard WC's
- 1 x Disabled WC
- 1 x Shower
- Access control

The contractor is to make good all connections and drainage systems and provide or replace all missing sanitary fixture components.

Doctor Ablutions

Repair to existing fixtures including make good all connections and drainage systems and replace any missing sanitary fixture components, including opening and bricking up of all in accordance with PA instructions. The section is to remain access controlled.

Labour Unit WC

This ablution is to be converted into a staff-only ablution with controlled access. The conversion is to comprise of repair to existing fixtures including make good all connections and drainage systems and replace any missing sanitary fixture components, including opening and bricking up of all in accordance with PA instructions. The section is to remain access controlled.

ABT Ablutions

This ablution is to be converted into a staff-only ablution with controlled access. The conversion is to comprise of repair to existing fixtures including make good all connections and drainage systems and replace any missing sanitary fixture components, including opening and bricking up of all in accordance with PA instructions. The section is to remain access controlled.

The contractor is to test all new and refurbished installations

3. DEFINITIONS

As per the Occupational Health and Safety Act (85 of 1993) and the relevant regulations and applicable standards.

3.1. List of Abbreviations

AIA	Approved Inspection Authority
BOQ	Bill of Quantities
CEO	Chief Executive Officer
CHS	Construction Health and Safety
CHSA	Construction Health and Safety Agent
CHSO	Construction Health and Safety Officer
COC	Certificate of Compliance
COIDA	Compensation for Occupational Injuries and Diseases Act
COLTO	Committee of Land and Transportation Officials
CR	Construction Regulations (Gazette 10113 of 07/02/2014)
DoEL	Department of Employment and Labour
FPP	Fall Protection Plan
GAR	General Administration Regulations
GSR	General Safety Regulations
ID	Identification Document
HASCHEM	Hazardous Chemicals
RHCA	Regulations for Hazardous Chemical Agent
HBAR	Hazardous Biological Agents Regulations
HIRA	Hazard Identification Risk Assessment
H&S	Health and Safety
NQF	National Qualifications Framework
OHSA	Occupational Health and Safety Act No. 85 of 1993 (as amended)
OHSS	Occupational Health and Safety Specification
PA	Principal Agent
CHSS	Construction Health and Safety Specification
POPIA	Protection of Personal Information Act
PSHSS	Project Specific Health and Safety Specification
PC	Principal Contractor
PPE	Personal Protective Equipment
PSP	Professional Service Providers
SABS	South African Bureau of Standards
SANS	South African National Standards (Authority)
SDS	Safety Data Sheet
SHE	Safety Health and Environment
SWP	Safe Work Procedure
UIF	Unemployment Insurance Fund

3.2. Key References

Occupational Health and Safety Act No. 85 of 1993 and Regulations (as amended)
Mine Health and Safety Act and Regulations No. 29 of 1996 (as amended)
Compensation for Injury and Occupational Diseases Act No. 100 of 1993 (as amended)
South African National Standards
Municipal Bylaws

4. INTERPRETATION

The Act and its associated regulations shall have precedence in the interpretation of any ambiguity or inconsistency between it and this specification.

4.1. Purpose of the Project Specific Health and Safety Specification (PSHSS)

The PSHSS is a performance specification to ensure that the Client and any bodies that enter into formal agreements with the Client / Agents, Professional Service Consultants (Engineers, Quantity Surveyors and Architects), Principal Contractor and Contractors achieve an acceptable level of OHS performance.

The absence of advice or approval for any document mandated by the PSHSS, such as hazard identification and risk assessments, or any communication from the Client should not be interpreted as the Client accepting any obligation that relieves the Principal Contractor of the responsibility to meet the required performance standards and comply with legal requirements. It is essential to note that the Client does not assume liability for any consequences arising from the Principal Contractor's failure to adhere to the PSHSS; thus, the Principal Contractor retains the responsibility for achieving the necessary performance levels and ensuring legal compliance.

A Mandatory Agreement in terms of Section 37.2 of the OHSA will be signed between parties prior to any works commencing. The PSHSS highlights the aspects to be implemented over and above the minimum requirements of current legislation. Requirements may be changed should new risks arise, work scope change or any other issues be identified that could not have been foreseen during the design phase of the project, or during the construction phase. Any new legislation or standards (legislated or determined by the Client) that are promulgated or accepted during the contract will automatically be applied.

It should be noted that this PSHSS in no way relieves the Contractor of any of his responsibilities set out in the Act and Regulations

4.2. Implementation of the Project Specific Occupational Health and Safety Specifications (PSHSS)

A project specific H&S specification will be subject to approval by the Client. This must include all supporting documentation as required to verify the H&S system. The OHS Plan must address the scope of works.

5. GENERAL REQUIREMENTS

5.1. Risks

Principal Contractor to provide a detailed risk assessment for the entire work on site. The items noted are for information only and must be expanded as required by the project.

Summary of Risk on site:

- a) Working within an operational health facility (sick people).
- b) Temporary Works
- c) Working at Heights.

- d) Site establishment
- e) Hand tools
- f) Fire
- g) Selection of Workers/ Staff for site
- h) Fragile Materials
- i) Hazardous Substances
- j) Public safety
- k) Night Work
- l) Unsafe site Access roads
- m) Snakes
- n) Underground Services
- o) Electrical works
- p) Stuff transportation
- q) Concrete works
- r) Painting
- s) Demolition work
- t) Biological risks
- u) Ergonomic risks
- v) Environmental pollution
- w) Weather related.
- x) Equipment and machinery
- y) Involved in activities across different sites

Existing structures on site and surrounding land use (with a significant impact on Health & Safety):

- a) Health Facility safety a concern.
- b) Security
- c) SMME

5.2. Specified Hazardous Chemical Substances

The PC is to supply the products required as per the bill of quantities-, materials / safety data sheets (SDSs) for each of the product foreseen to be utilized on site. The South African SDS to be provided as per the new legislation.

The SDS data must be indexed, and a risk analysis done to indicate the risks related to each product in use. Training on this information must be given on site and risk controls implemented.

Please ensure that wastewater resulting from the cleaning of paint brushes is treated as hazardous biological waste and must not be disposed of directly into drainage systems. Implement a filtration system for the removal of paint waste. Additionally, ensure adequate ventilation systems are in place in areas where paint primer is applied to facilitate air circulation during painting activities. This may include the use of fans and opening windows to enhance ventilation.

6. OCCUPATIONAL HEALTH & SAFETY MANAGEMENT

6.1. Notification of Commencement of Construction Work

The Principal Contractor (PC) shall notify the Provincial Director of the Department of Employment and Labour (DoEL) in writing, using the prescribed Construction Regulation Annexure 2 form, at least 7 days prior to the commencement of construction work. This notification must be submitted to the nearest Regional Department of Labour Office for

acknowledgment, and proof of submission and/or receipt must form part of the OHS Plan approval process.

Work may **only commence once the notification is correctly completed and signed by the Client**, which must follow written approval by the Health and Safety (H&S) Agent. Any **changes to the initial submission**, such as Contractor details, expected completion dates, or workforce size, must be reflected in a **revised Annexure 2**, which must also be submitted to the DoEL.

6.1.1. Health & Safety Training

The Principal Contractor must ensure that all his / her staff is adequately trained to perform the tasks allocated to them and that there is always the requisite amount of supervision to maintain safe work practices and standards, particularly where semi-skilled and unskilled personnel are involved. The contractor shall conduct a training needs analysis to ascertain what health and safety training, and re-training is required. No employees shall be allowed on site unless there is proof of induction training and identification.

Competency for the following is not negotiable; list is not limited to:

- Construction Manager and Assistant alternate Construction Manager, Competent person with a minimum qualification of NQF Level 6 with at least minimum of 2 years' experience.
- Health and Safety Officer must have NQF Level 5 and fully registered with SACPCMP with 1 year post experience to registration with SACPCMP.
- Temporary works planner and controller
- SHE Reps (certificate NQF Level 2)
- First Aiders (Level 3)
- Fire extinguisher Inspectors. (awareness training level 2)
- All appointed inspectors and supervisors must understand liability and duty of signing appointments.

6.1.2. Induction

The contractor shall conduct a site-specific health & safety induction for all the employees, contractors and visitors to the site.

Copies of the attendance registers signed by the attendees as acknowledgement of attendance are to be kept on site in the health & safety file for verification during inspections and Client Audits.

6.1.3. Awareness

The Principal Contractor shall conduct on-site periodic toolbox talks that cover the relevant activity and an attendance register, and the contents of the topics discussed must be kept on site in the health & safety file.

Proof of training requires proof of the lesson plan and employee signatories.

Safety notices and symbolic signs, including health and safety awareness posters must be displayed at the site entrance and at strategic positions on the site to create health and safety awareness.

6.1.4. Competency

The Principal Contractor shall send relevant persons to appropriate courses as required by the Act, relevant Regulations, and applicable safety standards. The type of training to be conducted will be determined after conducting a Hazard Identification and Risk Assessment (HIRA). Copies of training certificates must be kept on site in the health & safety file.

The training to be conducted is, but not limited to:

Health & Safety Representative Course.
First Aid Level 3 Training,
Incident investigation; and
HIRA Course.

Proof of competency to be attached to Appointment letters.

6.2. Organogram and Appointment of Competent Site Personnel

Contractor will be required to submit a detailed **organogram** clearly illustrating the **personnel responsible for supervision** on site. This organogram must **align with the formal appointments** recorded in the project's **Occupational Health and Safety file** and must accurately **reflect the individuals appointed to be physically present and active on site**. Each supervisory role depicted must correspond to a valid legal appointment (e.g., Construction Manager, Supervisor, Safety Officer), and any discrepancies between the organogram and the appointment letters will be deemed non-compliant. The organogram must be updated promptly to reflect any changes in supervisory personnel across the different operational sites.

6.3. Opening of multiple sites simultaneously

Each site must have its own designated **Level 3 First Aider** to ensure prompt first aid treatment in the event of an injury or emergency. While the **Construction Manager** and **Safety Officer** may move between sites as needed, the **SHE Representative** and **Construction Supervisor** must be appointed on a **full-time basis** for each separate site. No personnel in these key roles may be shared.

The contractor is therefore reminded to carefully plan and appropriately staff each site prior to the commencement of any work.

6.4. OHSA 16.1 CEO

The CEO (OHSA S16.1) of the PC will take overall responsibility for the appointment of competent site staff for the duration of the project. Should the CEO not be personally involved in the project, the H&S responsibilities are to be delegated to the Acting CEO (OHSA 16.2). Knowledge and training in H&S are required, and certificates indicating H&S training as well as experience to be included in CVs.

All other legal appointments are to be made with relevance to the type of work to be performed.

Note: Please be aware that the construction manager is not permitted on this project to sign legal appointment letters. Only the 16.2 appointment may sign legal appointment letters.

6.4.1. Construction Manager (CR 8.1)

The Principal Contractor is required to formally designate a **full-time** competent individual specializing in civil construction works as the Construction Manager. This individual will be responsible for overseeing all construction activities at the designated site, including ensuring compliance with occupational health and safety standards. If the designated Construction Manager is unavailable, an alternate must be appointed, possessing appropriate training and/or experience in the relevant area of responsibility.

Upon the acceptance of the tender, the contractor is obligated to submit the Construction Manager's competency details in writing to the client for approval before commencing work.

Note: Please be aware that the construction manager is not permitted on this project to sign legal appointment letters. Only the 16.2 appointment may sign legal appointment letters.

6.4.2. Construction Work Supervisor (CR 8.7)

The Principal Contractor must in writing appoint construction work supervisor/s responsible for construction activities and ensuring occupational health and safety compliance on the construction site.

Note: Each project must have a dedicated, full-time supervisor appointed specifically for that project. No supervisor will be permitted to oversee more than one site.

6.4.3. Construction Health and Safety Officer (CR 8.5)

The Principal Contractor must appoint a suitably competent Construction Health & Safety Officer (CHSO) to co-ordinate his or her organization's health & safety efforts on the site.

The CV for the proposed CHSO must be submitted to the Client appointed CHS Agent for approval. The appointed CHSO must be full time on site and readily available during working hours. The CHSO must conduct monthly internal audits and random site safety, and equipment checks, including overall compliance with the site-specific construction health and safety plan and procedures, and compile a monthly CHSO report (see Annexure A) to be tabled at each site progress meeting. The CHSO must evaluate the contractors Health and Safety Plan. The minimum qualification for the CHSO must be a matric certificate, NQF 5 qualification with at least two years and more experience on civil engineering and/or building projects.

The CHSO that the Principal Contractor intends to appoint **must be fully registered as a CHSO** with the SACPCMP and shall provide a valid registration with a letter of good standing with SACPCMP.

6.4.4. Health & Safety Representative / H&S Committee Member (OHS Act 17 & 19)

Irrespective of the number of employees on site, both the Principal Contractor (PC) and all contractors are required to appoint a **full-time Health and Safety Representative for each site**. This individual must be **dedicated solely to that specific site** and must **not be shared across multiple sites**.

The appointed representative must have successfully completed the relevant Health and Safety Representative training course. All elections or appointments must be documented in writing.

Health and Safety Representatives are responsible for conducting regular site inspections using the prescribed Annexure A form attached. Records of these inspections must be maintained in the project's Health and Safety File. Any deviations or non-conformances identified must be addressed immediately by the responsible person.

The Health and Safety Representative will report to and liaise directly with the appointed Health and Safety Officer.

In addition, it is compulsory for this project to establish a Health and Safety Committee. Committee meetings must be held at least once a month to address and discuss relevant health and safety matters.

6.4.5. First Aider / First Aid Attendant

The Principal Contractor must appoint a Level 3 First Aid Attendant for the project and where practicable, one Level 3 First Aid Attendant for each work team or section of the works. The appointed Level 3 First Aid Attendant must be suitably qualified and have valid training certificates.

The Principal Contractor together with the responsible Level 3 First Aid Attendant must ensure that the first aid boxes(s) are available on site and fully stocked. General Safety Regulations

must be applied. The First Aider must be always available and accessible on site and should form part of the rescue team.

6.4.6. Risk Assessor

The Principal Contractor is required to appoint a competent risk assessor that's full time on site and must understand the process of identifying hazards and assessing risks emanating from the identified hazards.

This appointed person can be an already designated health & safety officer that's full time on site because the task of assessing risks is an ongoing process and therefore risk review process must be done regularly.

There must be a direct link to the personal protective equipment / clothing and training to be conducted throughout the contract.

6.4.7. Appointment of Competent Contractors (CR7.1)

The Principal Contractor is to ensure compliance with the Clients minimum standards and all legislative requirements. The same H&S standards required of the PC are to be applied to all Contractors. A register of all Contractors and Suppliers is to be on file and kept updated at all times. The PC is to ensure there is sufficient funding for H&S compliance by each Contractor.

The following minimum aspects are applicable to any Contractor appointed:

- The CHSO is to ensure a contractor's appointment and approval of H&S documentation at least seven (7) working days prior to commencing work.
- No Contractor may work under the PCs Compensation Registration Number. If required, the PC may assist targeted subcontractors with their registration with the Compensation Commissioner. However, such Contractors will not be able to commence work until proof of registration or Letter of Good Standing has been received.
- No work may commence without the following documentation in place:
 - The principal contractor is to have a CR5.1(k) appointment letter.
 - Mandatory (37.2) agreements between the contractor and the client.
 - Valid letters of Good Standing.
 - OHS Plan Approval Letter issued by the Client.

7. GENERAL RISK MANAGEMENT

7.1. Health Risks and Medical Surveillance

All personnel, including Contractor employees, must possess a medical fitness certificate issued by a registered Occupational Medical Practitioner before starting work. The commencement of Medical Certificate of fitness is scheduled during the pre-employment phase, and Annexure 3 should be on record.

Authorization to retain, share, and dispose of data must be documented under the Protection of Personal Information Act (POPIA).

Every worker, including those employed by Sub-Contractors, must have a valid medical fitness certificate before commencing work. No employed / contract worker will be allowed on site without a valid medical certificate of fitness. Annual medical surveillance is mandatory unless a more frequent schedule is specified.

Provisions for retaining medical records for the required duration should be duly acknowledged. Given the potential health risks the following aspects are to be included in each medical surveillance intervention:

- Full medical, surgical, and occupational history.
- Full physical examination of all systems, and
- Referral if required for the management of identified health issues that may affect the worker.

Specific testing for existing conditions and limitations relative to exposure could include, but are not limited to:

- Audiometry (hearing tests).
- Spirometry (lung function testing).
- Chest X-rays.
- Liver function testing (volatiles), and

Any other relevant tests should be identified as part of the project. It is recommended that the Principal Contractor (PC) implement a medical surveillance plan for workers. During any sewer connections or demolition activities, it is essential to ensure that all employees vaccinated against Hepatitis B virus. Appropriate allowances for this should be included in the Bill of Quantities (BoQ).

7.2. Emergency Procedures

An emergency plan and procedure that is appropriate to the risks is required prior to commencement on site. It is advised that the system should be simple and easy for any worker to follow.

The emergency plan is to ensure the inclusion of local service providers where possible. Such arrangements should be made with these persons prior to the commencement of the project.

Local emergency telephone numbers must be displayed and made part of the emergency procedure.

The general principals of emergency management are to be applied as it applies to the hierarchy of control and management. The PC must consult with the Client in preparation of the emergency as buildings will be operational.

7.3. Fires and Emergency Management

Emergency preparedness is a critical component of this project and must be prioritised at all active sites. Emergency equipment, including appropriately rated fire extinguishers and fully stocked first aid boxes, must be readily available and accessible at all times. The quantity and type of fire extinguishers must correspond to the specific fire risks identified on site and in relation to the activities being undertaken, and all plant and machinery must also be equipped with suitable extinguishers. Open fires are strictly prohibited on all sites, and clearly designated smoking areas with controlled smoking times must be established and enforced.

Each site must have appointed emergency responders, including competent Level 3 First Aiders, who form part of a clearly defined emergency response team. These individuals must be formally appointed, with their roles and responsibilities clearly documented. Prior to the commencement of any work, a comprehensive emergency response plan must be submitted. This plan must outline the procedures and actions to be followed in the event of various emergencies, including fire, injury, environmental incidents, and disease outbreaks. It must also demonstrate coordination with local emergency service providers, such as fire and ambulance services, and ensure that all relevant arrangements are finalised before project initiation. Furthermore, the plan must incorporate specific protocols to address the risk of a disease outbreak, including preventative measures, health monitoring, and detailed response strategies.

Giving due consideration to site-specific emergency risks and ensuring the availability of emergency equipment, trained personnel, and a well-structured response plan is essential to maintaining safety, legal compliance, and operational integrity across all active sites.

7.4. Incident Management and Compensation Claims

All incidents and accidents are to be investigated. All serious incidents involving any form of disabling injury or fatality are to be reported to the Designer (PA) /Client /CHS Agent immediately. This shall be confirmed in writing following the incident.

Proof of compensation claims, DOEL reports, and other relevant information must be on site for verification. All Occupational diseases to be reported to Compensation Commissioner

7.5. Personal Protective Equipment (PPE) and Clothing

The PC is to provide PPE to all employees free of charge.

The wearing of the identified SANS approved PPE at all times is non-negotiable.

- Hard hats: Chin strapped hats must have a safety breaker strap (Applicable only to employees performing work at height).
- Protective footwear.
- Overalls must be high-visibility and clearly display the company name, with reflective strips for enhanced worker visibility.
- Eye protection (as required)
- Attenuated hearing protection.
- Reflective jackets - only for supervisors and visitors (no bibs)
- Respiratory protection (minimum of FFP2).
- Gloves.
- other necessary PPE identified from SDS's and/or risk assessments.
- PPE for Visitors (Reflector vest and Hard hat only)

7.6. Occupational Health and Safety Signage

On-site H&S signage is required. Signage shall be posted up at fixed or temporary working areas, or other potential risk areas/operations. These signs shall be in accordance with the requirements of the General Safety Regulations or SANS requirements as amended. Signage is to be noted on the site drawings indicating where fixed/temporary signage is required.

- 'Hard hat area' or other PPE requirements noted.
- First aid box positions (including vehicles); and
- Fire extinguishers.
- Assembly Area
- Construction work in progress
- No Un-authorized entry.

Signs shall be posted at areas of work on site indicating that a construction site is being entered and that persons should take note of H&S requirements.

7.7. Induction of Employees and Visitors, General H&S Training

A simple, formal induction program is to be prepared which is site specific. Inductions must be carried out for all workers and visitors (including Client and PSP's) to the site. Record of induction must be kept for a period of 2 years.

DSTI training is required to ensure workers are familiar with the risks and H&S measures of the work or tasks to be done.

Penalties for non-compliance regarding induction is stipulated in penalty clause.

7.8. Access Control Measures

Access control measures apply to all individuals involved in the construction project, including contractors, subcontractors, suppliers, and visitors. The contractor is responsible for maintaining a secure, safe, and controlled environment within the client premises throughout the duration of the project. This includes strict adherence to safety protocols and proactive risk mitigation to protect staff, and all other occupants of the clients.

7.9. Protection of Members of the Public

The contractor must implement appropriate measures to ensure the safety of the public at all times. This includes the installation of adequate barriers and warning signage around the work area. Workers are to actively deter public access to hazardous zones. Where work interfaces with public footpaths or bridges, these must be closed off or made safe to prevent injury. Traffic management systems, including signage, must be in place at site entrances to alert motorists of construction vehicle movements. Roads leading to the site are to be kept free of mud to prevent slip hazards. Refer to the plant risk assessment for plant-specific precautions. A safe means of access must be established and agreed upon for both construction vehicles and affected homeowners. Furthermore, all employees who may be exposed to TB patients during the course of their duties must be vaccinated against Hepatitis B prior to commencing work on site.

7.10. POPI Act Policy, Procedure and Control

The PC will ensure that the companies control of information is known to all employees and that the employees had signed off on Medicals, Monitoring and Incident information being shared, and all other contractual information sharing requirements. All personal information collected for health and safety purposes will be handled in accordance with the Protection of Personal Information Act (POPIA). Such information will only be used for the intended purpose and will not be disclosed to unauthorized individuals or entities.

The Contractor must get consent before collecting any personal information, and individuals will be informed about the specific purpose for which their information is being collected or used. Personal information will be retained only for the necessary duration required for health and safety compliance purposes.

Each employee of the contractor is required to sign a declaration granting permission for us to capture photographs during audits and utilise them exclusively for reporting purposes to the client. (see declaration form Annexure C).

8. Communication On Site

All H&S communication during the project between the CHS Agent and the PC will be done through the PA/ Clerk of works/ Client and will be in writing, including the issue and responses to non-conformances and H&S audit results.

9. Care of Workers on Site (Welfare)

Adequate welfare facilities must be provided for all workers at all times, including access to clean and safe drinking water, decent shelter, and hygienic toilet facilities. The required ratio is **one toilet for every 15 workers**, and **separate toilets must be provided for men and women**, clearly marked to ensure privacy and dignity for all employees. These facilities must be maintained in a clean and functional condition throughout the duration of the project.

Clean drinking water should be accessible to all employees continuously, with an emphasis on the importance of protecting this precious resource. Hand washing facilities must be provided with soap and hand sanitiser.

A sheltered eating area is required for on-site workers.

Moreover, an information board within employee facilities should be utilised to display audits and awareness notices. Department of Employment and Labour (DoEL) information must be prominently displayed and effectively communicated.

Arrangement can be made with the facility to use their ablution facilities, this arrangement must be done in writing and signed by both parties. These facilities must be used responsibly and returned in the same condition as they were received upon completion of the work. Under no circumstances may the Principal Contractor or their workers use facilities intended for staff or visitors of the healthcare facility

10. Discipline, Alcohol and Substance Abuse

Contractors working on site, regardless of the project duration, are expected to fully comply with all facility rules and regulations. This includes strict adherence to the client's safety protocols and operational requirements. All employees, including management, are required to follow instructions issued in the interest of health and safety. Any failure to comply with these instructions, company policies, or client safety rules will result in disciplinary action.

No individual is permitted to work or access the site while under the influence of alcohol or any substances that may jeopardize their own safety or the safety of others. Contractors are responsible for establishing an Alcohol Abuse Policy and implementing disciplinary procedures to ensure compliance with the policy.

11. Electrical Tools

The use of electrical tools involves potential hazards such as electric shock, burns, or fire. Safety measures include proper training on tool usage, regular equipment inspections, using tools with appropriate safety features, and following guidelines for electrical safety to prevent accidents.

12. Hoarding

Adequate hoarding to be done to reduce dust and noise and prevent public entrance to site. Security features must accompany the hoarding to maintain a secure environment for the existing occupants. Hoarding will be specified by the PA.

Please be advised that throughout the construction phases, the clients will remain fully operational. It is crucial to prioritize the quality, specifications, and placement of temporary hoardings to effectively contain dust and reduce noise levels.

13. Construction And Mobile Plant

The principal contractor must ensure that equipment in use is in good working order and fit for purpose. The PC must plan for access and egress, ensuring no unsafe situation or blocking of emergency routes occur unless planned for and coordinated with PSP.

14. Working at Heights

Prior to commencing any work, it is imperative to formulate a Working at Heights Fall Protection Plan, inclusive of a Fall Arrest Plan, developed by a qualified professional. A competent individual, as defined by Unit Standard 229994, must develop a practical, site-specific Fall Protection Plan in accordance with Construction Regulation 10 (CR 10). This plan must be submitted to the client-appointed Construction Health and Safety Agent (CHSA) for evaluation and approval.

A meticulous risk assessment must be conducted to identify and address potential hazards related to working at heights, including but not limited to falls, unstable surfaces, and adverse weather conditions. To uphold safety standards, all workers must undergo thorough training and demonstrate competence in working at heights.

Furthermore, employees required to work at heights must be declared medically fit by an occupational health practitioner, and valid medical certificates must be obtained and kept on record prior to commencing such work. These medicals must specifically cover the physical and psychological fitness required for working at elevated positions.

All ladders used on-site must meet SABS-approved standards to ensure the safety of personnel throughout the project. The appointment of a competent person to erect, supervise, and inspect scaffolding is crucial for ensuring compliance with SANS 10085 standards. Additionally, fall arrest and fall protection equipment must be readily available on-site and subjected to regular inspections and maintenance to ensure their ongoing integrity and effectiveness.

15. Delivery of Materials

The Principal Contractor (PC) is responsible for the proper management of all material deliveries to the site, ensuring coordinated stacking and storage. Dust generation should not cause a nuisance to the health facilities and surrounding communities.

Material stacking must be conducted in a controlled manner, with a focus on minimising wastage. Lay down areas should be cordoned off to manage multiple contractors effectively, ensuring the safety of everyone. All sand and dust-related materials must be securely enclosed to prevent wind-driven dust nuisances at the health facilities and surrounding communities.

16. Site Establishment and Requirements

While the client may have existing security services in place for the facility, it must be clearly understood that the contractor is fully responsible for the security of their own personnel, tools, equipment, and materials. The contractor is therefore required to appoint their own security personnel as necessary to safeguard their operations. Under no circumstances should the contractor request the use of any room within the facility for storage purposes. The Principal Contractor (PC) must provide their own lockable storage facility for secure storage of tools, materials, and equipment.

In terms of site utilities, the contractor may make arrangements with the Facility Manager for access to water and electricity, should the need arise. Alternatively, the contractor may choose to provide their own supply. Any arrangements made regarding the use of the facility's utilities must be formalised in writing and signed by all relevant parties, ensuring clarity of responsibilities and avoiding any misunderstandings during the project.

These provisions are essential to maintain order, accountability, and smooth cooperation between the contractor and the facility during the course of the project.

Site lay out plan indicating:

- Access and security controls
- Site Office
- Lay down areas.
- Parking
- Escape routes (emergency) and assembly points
- Fire extinguishers
- First Aid Equipment
- Waste
- Facilities

17. Ergonomics

Conduct a thorough ergonomic risk assessment carried out by a competent professional. Provide consistent guidance to workers regarding ergonomic considerations in tasks, equipment lifting, and repetitive movements.

18. Biological Waste and Hygiene Control

The Principal Contractor (PC) must implement strict control measures and procedures for the handling, storage, and disposal of waste in accordance with the approved Waste Management Plan and applicable regulations. All waste generated on site must be managed responsibly, with particular emphasis on segregation, containment, and disposal at accredited facilities to ensure environmental compliance and minimise health risks.

Special attention must be given to biological waste and hygiene control throughout the project, especially in high-risk areas. This includes establishing and maintaining proper drainage systems, as well as regular cleaning and safe removal of biological and chemical waste materials. All procedures must comply with relevant health and environmental standards to prevent contamination or exposure risks.

Personnel handling such waste must use the appropriate personal protective equipment (PPE), including disposable gloves, masks, and other protective gear, to safeguard against potential hazards. Regular training and supervision should be provided to ensure strict adherence to these procedures.

19. Wildlife and Insects and Vegetation

Before work begins, conduct a site-specific risk assessment to identify potential hazards related to wildlife, insects, and vegetation. This includes identifying areas with risks such as wildlife habitats, nests, or locations with dangerous plants or insect infestations (e.g., poisonous plants, venomous insects). Ensure all workers are informed about the identified risks and the procedures to mitigate them.

Workers should avoid disturbing or engaging with wildlife. Under no circumstances should they approach, touch, or attempt to handle wild animals. Be especially cautious of venomous snakes, aggressive animals, and other dangerous species. When working in areas where such wildlife may be present, workers must wear appropriate personal protective equipment (PPE). If hazardous wildlife is spotted, it should be reported immediately to the site supervisor, and a trained professional may need to safely remove the animal.

Workers should be educated on recognizing poisonous and indigenous plants. They must avoid contact with these plants and consistently wear suitable PPE to prevent exposure.

20. Electrical

In addition to the requirements of the Electrical Machinery Regulations and the General Machinery Regulations, any electrical distribution board used for construction work shall be fitted with suitable earth leakage protection and must have a valid Certificate of Compliance (COC) issued by a qualified electrician. All electrical leads must be properly and firmly connected and plugs and sockets shall be maintained in good and safe condition, each accompanied by the appropriate COCs to verify compliance and safety.

All electrical apparatus, excluding electrical hand tools, shall be equipped with a physical “lock out” system that prevents operation by anyone other than an authorized supervisor. A “lock out” sign must be prominently displayed when the apparatus is not in use.

Furthermore, method statements and safe work procedures are required for all tasks involving electrical tool to ensure safe operation and compliance with safety standards. The validity and availability of Certificates of Compliance for all electrical equipment must be confirmed and kept on site for inspection at all times.

21. Demolition Work

All demolition activities must be carried out in accordance with a current, site-specific demolition method statement. This method statement must be prepared by a competent person and approved by site management, and a competent structural engineer. The demolition process must fully comply with the requirements of Construction Regulation 14.

No structural elements may be removed, altered, or interfered with without the written approval of a competent engineer responsible for structural integrity.

Emergency procedures must be clearly established, communicated to all personnel, and visibly displayed on site prior to the commencement of any demolition work.

Only trained and competent personnel shall be allowed to perform demolition activities. At all times, safe access and egress must be maintained for workers and emergency response.

All workers must wear suitable and sufficient Personal Protective Equipment (PPE), including head, eye, and skin protection relevant to the specific demolition hazards.

The contractor must implement effective dust suppression and noise reduction measures prior to and during demolition activities. Waste and rubble must be removed from site as soon as possible, with registers kept up to date. Proof of legal disposal of all demolished material must be submitted and kept on record for auditing purposes.

22. Decanting of Occupied Areas

The contractor must ensure that no construction or related work is carried out in areas where health facility staff, patients, or visitors are still present. Decanting – the process of temporarily relocating occupants from work areas – must be done in a safe, well-coordinated, and efficient manner. This is essential to avoid disruptions to critical health services and to ensure the safety and well-being of all individuals on the premises.

The contractor is required to communicate the decanting schedule in advance to all affected stakeholders, including facility management. This includes giving sufficient notice to allow for internal preparations and coordination. All movement of equipment, furniture, and personnel must be carried out with minimal disruption and under safe conditions.

A comprehensive decanting programme must be submitted by the contractor prior to commencing any works. This programme should clearly demonstrate proper planning, including timelines, phases of decanting, safety precautions, and how continuity of health services will be maintained. The plan must be reviewed and approved by the relevant project and facility stakeholders before implementation.

23. Paint Work

Please treat wastewater from cleaning paint brushes as hazardous chemical waste and avoid disposing of it directly into drainage systems. Instead, implement a filtration system to remove paint waste.

24. Excavation work

The anticipated depth for excavations can be up to 1.5m. Excavations deeper than 1.5m need shoring or bracing. Although no overhead services were noted or anticipated, the contractor must remain vigilant in this regard. There are existing services.

The area being worked in needs to be properly barricaded or fenced off. Barricading must be done in such a manner that prevents people from falling into open excavations. Excavations should preferably not be opened beyond what can be worked on daily. **Danger tape or candy**

tape is not permitted to be used on site as a means of barricading! Suitable material such as hard-plastic mesh (long durability) adequately supported and being able to withstand a normal person's weight and the elements (wind, rain) must be utilized as barricading.

The Principal Contractor is responsible for ensuring safe access to and from all excavation areas. This can be accomplished by providing a secure ladder that allows workers to safely enter and exit the excavation. Alternatively, a properly constructed ramp may be built to facilitate easier and safer movement into and out of the excavation.

In addition to safe access points, the PC must ensure that clear and unobstructed walkways are maintained around the entire perimeter of the excavation. These walkways must be sufficiently wide to allow workers and equipment to move safely without risk of trips or falls.

Furthermore, appropriate warning and safety signage must be installed conspicuously to alert all personnel and visitors to potential hazards. These signs should comply with safety standards and be positioned to maximize visibility.

All open excavations shall be kept clean (dewatered) of standing water.

25. Asbestos Management

If asbestos-containing material is discovered on site, the contractor must immediately stop all work in the affected area and notify the client as well as the relevant authorities. Any identified asbestos-related work must be conducted strictly in accordance with the Asbestos Abatement Regulations, 2020 (as amended). All activities involving asbestos must comply with applicable legislation, which includes performing thorough risk assessments, utilizing appropriate personal protective equipment (PPE), conducting air monitoring, and implementing medical surveillance where require.

26. Hand Tools

No handmaid or damaged tools may be used on site.

The Principal Contractor needs to exercise control over all contractors on site. Hand tools may only be used for its intended purpose.

A competent person must be appointed to inspect hand tools monthly.

Inspections need to be recorded on a register and each tool identified with a unique number. Inspection of equipment and tools.

The following items of equipment must be regularly inspected and maintained and appropriate records kept.

1. First Aid dressing registers
2. Fire equipment
3. Portable electrical equipment
4. Stacking and storage inspections
5. Regulations for Hazardous Chemical Agents (RHCA)
6. Ladders
7. Excavations
8. Construction vehicles and mobile plant.
9. Health and Safety Representatives checklists

27. Ladders and Ladder Work

The Principal Contractor shall appoint a competent person in writing to inspect all ladders monthly and record such findings in a register.

Ladders are to extend one meter above a landing and must be secured at the top and have a secure, non-slip base.

All ladders that do not comply with Health and Safety standards are to be removed from the site immediately.

28. Electrical and Mechanical Work

Electrical work and mechanical work are exclusively to be executed by individuals recognised as competent in their respective fields. Strict adherence to safe work procedures is mandatory, with continuous monitoring by competent personnel. Any electrical installations and mechanical works necessitating a Certificate of Compliance (COC) must only be overseen by an appointed person duly approved by the Electrical and Mechanical Engineer. Non-compliance with these directives may result in legal consequences. The electrical contractor must be registered with the Department of Employment and Labour (DOEL), and the competent person on-site must match the registered name. Their competency to manage required voltages needs verification, along with proof of competence.

Competent person must issue Certificates of Compliance (COC), cover temporary electrical installations and mechanical installations and provide a temporary disconnection certificate with a lockout procedure for demolition and refurbishment work.

All electrical and mechanical installations must adhere to the Health and Safety Act, Construction Regulation 2014, Electrical Installation Regulations (EIR), and relevant standards. Specialised contractors must handle such work, and compliance with Regulation 7 of Construction Regulations 2014 is mandatory when appointing them.

29. Non-Conformances

Should, at any time, the works, or part of the works, be stopped due to unsafe acts or non-compliance with the Clients OHS Specification or PCs H&S Plan; the PC shall have no claim for extension of time or any other compensation.

30. Health And Safety File

As required by Construction Regulation 7, the Principal Contractor shall keep and maintain a Site Health and Safety File where all relevant health & safety records will be kept, including the Site-Specific Health & Safety Plan, and the relevant construction risk assessments as referred to above. Other relevant information includes but not limited to:

- a) Client Site Specific Health and Safety Specification and HIRA
- b) PC appointment letter
- c) Signed 37.2 Mandatory Agreement
- d) PC approved OHS Plan and approval letter.
- e) Notification of Construction Work
- f) OHS Administrative statutory documents:
 - Valid Letter of Good Standing with the Workmen's Compensation Commissioner
- g) OHS Policies and procedures signed by the CEO, dated with a review provision.
- h) Other Policies (POPIA, Alcohol Abuse, Drug Abuse, HIV/Aids, Smoking, Environmental, Waste Management, PPE, Competency)
- i) Organogram with appointments, competencies, and statutory registrations
- j) HIRA for proposed site activities and works.
- k) Safe work procedures / Methodologies/ Plans: inclusive of but not limited to:
 - Noise reduction plan
 - Dust control
 - Waste management plans
 - Facility management and planning for safe access to the works areas.
 - Demolition plan
- l) Induction program
- m) Training and toolbox talks. Upliftment of competency requirements as required for this works.
- n) Inspection registers with appropriate policies and procedures
- o) Emergency management, relevant contact numbers.

- p) Hazardous Chemical management
- q) Construction environmental management system
- r) Laws and Regulations
- s) Communications
- t) OHS Committee
- u) Sub-Contractor Management
- v) Employee medical monitoring:
 - OHS Medicals fit for work.
 - Employee ID; s
 - Assessment for work at heights
 - Ergonomic surveys
 - Proof of UIF payments
- v) Incident Management:
 - Procedures
 - General monthly incident management register
 - Annexure 1
 - COIDA forms
- u) Audits
 - Internal
 - Subbie Audits
 - CHSA Audits and Inspections

31. Project Close Out Requirements

The documentation submitted and approved following the awarding of the contract will be used to form the H&S file. On completion of the project, a consolidated health and safety file consisting of the following documents but not limited to, shall be submitted to the client appointed CHSA:

- The H&S Plan and the approval by Client.
- PC Appointment Letter.
- Mandatory Agreements with Clients.
- Notification of Construction Work
- Record of Competencies (CVs) and appointments (close out of appointments).
- Training Records.
- Method statements.
- Risk assessments.
- Safe work procedures and specialized plans.
- Emergency and Injury Management (Accident Stats and Investigations);
- Medical surveillance records.
- Registers and Checklist.
- Internal H&S Audit Reports.
- Contractor H&S Audit Reports.
- Non-Conformance Reports.
- COC's
- Any other documents which may be required by the appointed CHSA.

The file must be submitted for close out and sign off by the CHSA and then submitted with a performance close out report to the Client for storage.

32. Penalties

The Client, Pr. CHSA, PA observing an unsafe act or practice reserves the right to stop work, and issue non-conformances when SHE violations are observed, for both PCs and/or their Contractors. Expenses incurred as a result of such work stoppage will be for the PCs account.

Penalties shall be enforced on the principal contractor for SHE related non-conformances identified for both the Principal Contractor and/or his/her sub-contractor(s) and/or supplier(s) pertaining to this contract on SHE requirements.

Penalties applied will be according to the following tables and where issued, the amount indicated on the non-conformance will be deducted from the certificate of the PC. Failure or refusal on the part of the PC or their Contractors to take the necessary steps to ensure the safety of workers and the general public in accordance with these specifications or as required by statutory authorities or ordered by the engineer, shall be sufficient cause to apply penalties.

In cases where a penalty has been issued and the contractor provides reasonable evidence to support the non-issue of the penalty; the client or PA may withdraw the penalty.

SHEQ-Contractor Management	Value of Contract (Excl. VAT.) in millions R				
DELAYS ON ITEMS ATTRACTING PENALTIES	<1	≥1<5	≥5<20	≥20<50	≥50
a) If SHE non-conformances, corrective actions, and preventative actions are not resolved within the agreed target dates, and the delay exceeds 5 days, a daily penalty in Rands will be applied for each day the contractor remains non-compliant.	1,000	5,000	10,000	10,000	10,000
b) Non-reporting of incidents and statistics within the shift (Rands)	1,000	5,000	10,000	10,000	10,000
c) Repeat SHE non-conformances (Rands)	2,000	10,000	20,000	20,000	20,000
d) Work on site without Core Employees (OHS Officer and Construction Manager permit on site)	2,000	10,000	20,000	20,000	20,000
e) Overtime Work without the required approvals (Rands)	2,000	10,000	20,000	20,000	20,000

Over and above the details relating to the penalties noted in the SHE Management System, and Tender document, spot fines will be issued as follows, according to 'minor', 'medium' or 'severe' non-conformances.

The term "count" refers to the number of non-conformances or issues, so if there are multiple unresolved issues, the penalty would be calculated by multiplying R5 by the total number of issues that are still non-compliant past the agreed target date.

For example, if there are 3 non-conformances unresolved, the total penalty would be 3 x R5 = R15.

MINOR:			MEDIUM			SEVERE		
Value of Contract (Excl VAT.) in millions R			Value of Contract (Excl VAT.) in millions R			Value of Contract (Excl VAT.) in millions R		
<1	≥1<5	≥5<20	<1	≥1<5	≥5<20	<1	≥1<5	≥5<20
Penalty: R5/count			Penalty: R/count and a non-conformance			Penalty: R/count, a non-conformance and/or activity stoppage		
R 10	R 25	R 50	R 25	R 250	R 500	R 250	R 2500	R 5000
<i>Non-use of PPE supplied</i>			<i>Toilets not supplied or regularly serviced; lack of drinking water</i>			<i>Contractors working without Health and Safety Plan approval</i>		
<i>Non completion of registers for plant and equipment on site</i>			<i>Contractors not audited</i>			<i>Workers transported in contravention of the OHS plan or legal requirements</i>		
<i>Lack of H&S signage at work areas</i>			<i>Working without training or the appropriate, approved H&S method statements</i>			<i>Invalid Letters of Good Standing</i>		

MINOR:			MEDIUM			SEVERE		
Value of Contract (Excl VAT.) in millions R			Value of Contract (Excl VAT.) in millions R			Value of Contract (Excl VAT.) in millions R		
<1	≥1<5	≥5<20	<1	≥1<5	≥5<20	<1	≥1<5	≥5<20
Penalty: R5/count			Penalty: R/count and a non-conformance			Penalty: R/count, a non-conformance and/or activity stoppage		
R 10	R 25	R 50	R 25	R 250	R 500	R 250	R 2500	R 5000
<i>Tools and equipment identified in poor condition during inspections</i>			<i>Legal non-conformances identified during the previous audit and not addressed within the agreed time frame</i>			<i>Non-compliance with traffic accommodation requirements: layout or physical conditions</i>		
			<i>No monthly OHS report at site meeting to report on</i>			<i>Any serious breach of legal requirements</i>		
			<i>No certificates of fitness for workers as required</i>			<i>Work on site without Core Employees (OHS Officer and Construction Manager permit on site)</i>		

Absence of the reference to a possible penalty for non-conformance does not mean one cannot be issued. All aspects will link to legal non-compliance or risks identified in the SHE Specification or work being done at the time. The 2 forms of penalties will be used together, with immediate penalties issued as they apply.

In addition, a time-related penalty of R500,00 per day over and above the fixed penalty may be deducted for non-compliance to rectify any non-conformance within the allowable time after a site instruction to this effect has been given by the Designer. The site instruction shall state the agreed time, which shall be the time in hours for reinstatement of the defects. Should the Contractor fail to adhere to this instruction, the time-related penalty shall be applied from the time the instruction was given

ANNEXURE A

CONTRACTORS MONTHLY HEALTH AND SAFETY REPORT

(To be submitted by the end of the first week of each month and be available with each audit)

CONTRACT NUMBER:		PROJECT NAME:	CONTRACT DETAILS:
1	GENERAL ACTIVITIES FOR THE MONTH (Detail each area of work)		
2	NUMBER OF WORKERS (permanent and local, contractors)		
3	TRAINING DONE (Supplier, no of people, type)		
4	INCIDENTS / ACCIDENT (List number and details, attach reports)		
6	NON-CONFORMANCES (Closed out or active)		
7	CONTRACTORS (list, approval status)		
8	AUDITS COMPLETED (internal and external)		
9	CRITICAL ISSUES		
10	GENERAL		

Health and Safety Officer: _____

Signature: _____ Date: _____

Construction Manager: _____

Signature: _____ Date: _____

Annexure B: OHS BUDGET

OCCUPATIONAL HEALTH & SAFETY ESTIMATE					
CONSTRUCTION WORK PROJECT					
ITEM NO	DESCRIPTION	UNIT	QTY	RATE	TOTAL
1	Occupational Health & Safety, incl. HBA				
1.1	Preparation of the Contractor's site-specific Health and Safety Plan & Risk Assessment Health and Safety File in Hard Copy. (Include sub-contractors OHS File compliance)	Sum			
2	Provision of Personal Protective Equipment (PPE) Note: Tenderer to provide quantity for full component of staff for contract period				
2.1	Overalls with reflective strips including the contractor's logo and proof of induction	Item			
2.2	Hard Hats (High Density polyethylene, & 6-point lining)	Item			
2.3	Safety boots/shoes (Steel-Toe)	Item			
2.4	Earplugs/muffs	Item			
2.5	Dust Mask (at least FFP2 type)	Item			
2.6	Safety gloves	Item			
2.7	Ear Defenders SABS approved	Item			
2.8	Reflective vest for Visitor and Supervisors	Item			
3	Competent Personnel				
3.1	Competent scaffolding supervisor, erectors. Etc				
3.2	Competent Formwork Supervisors and erectors				
3.3	Competent Fall Protection Plan Developer				
3.4	Work at heights training for all employees working at heights				
4	Cost of medical certificates and medical surveillance per employee Note: Tenderer to provide quantity				

	for full component of staff for contract period				
4.1	Initial (baseline) medical examinations	Item			
4.2	Provision of First Aid Boxes to GSR requirements	Item			
4.3	Working At heights medicals				
4.4	Working at heights fall arrest equipment				
4.6	Fire and emergency prevention signage	Sum			
4.7	Vaccination (sewer works)	Sum			
5	Adhoc: Any OHS & HBA related requirements not listed above				
5.1	Close out H& S files scanned electronically with original files to CHSA.	Sum	1		
SUBTOTAL TAKEN FORWARD TO THE PRELIMINARIES					

This list is not exhaustive, and contractors may expand all levels to include all relevancy H & S expenditure

The Clients Principal Agent Approval:

Name: _____

Signature: _____

Date: _____

FOR PRINCIPAL CONTRACTOR

Principal Contractor Representatives Acceptance: Name:

Signature: _____

Date: _____

Annexure C: PoPIA Declaration form

DECLARATION FORM: PERMISSION TO CAPTURE PHOTOGRAPHS DURING AUDITS

I, [Name of the Individual], hereby grant permission to [Your Company Name], hereinafter referred to as "the Company," to capture photographs during audits conducted on [Date(s)] at [Client's Name/Location]. I understand that these photographs will be utilized exclusively for reporting purposes to the client.

I acknowledge and agree to the following terms and conditions:

1. **Purpose of Photography:** The photographs captured by the Company during the audits will be used solely for the purpose of documenting and reporting on the audit findings to the client.
2. **Exclusivity:** I understand that the photographs taken will be used exclusively for reporting purposes to the client and will not be shared, sold, or utilized for any other purpose without my explicit consent.
3. **Confidentiality:** The Company agrees to treat all photographs as confidential information and will take appropriate measures to ensure that they are not disclosed to any third party without the consent of the undersigned.
4. **Duration of Permission:** This permission is granted for the duration of the audit conducted on [Date(s)] and includes any subsequent reviews or follow-up audits directly related to the initial audit.
5. **Withdrawal of Consent:** I reserve the right to withdraw this permission at any time by providing written notice to the Company. In the event of withdrawal, the Company will cease to use the photographs for reporting purposes.
6. **Indemnity:** I agree to indemnify and hold the Company harmless from any claims, actions, damages, or liabilities arising out of the use of the photographs in accordance with this declaration.

I have read and understood the terms and conditions outlined in this declaration. By signing below, I affirm my consent to the capture of photographs by [Your Company Name] during the specified audits for reporting purposes to the client.

Individual's Full Name: _____

Signature: _____

Date: _____

[Witness Section, if applicable]

Witness's Full Name: _____ **Signature:** _____

Date: _____

Annexure D: Baseline Risk Assessment

ANNEXURE D

BASELINE HAZARD IDENTIFICATION AND RISK ASSESSMENT

BASELINE HAZARD IDENTIFICATION AND RISK ASSESSMENT												
CLIENT / EMPLOYER				EASTERN CAPE DEPARTMENT OF HEALTH								
PROJECT / CONSTRUCTION SITE & EXACT LOCATION OF THE WORKS				REPAIRS AND RENOVATIONS TO QUEENS MERCY, MAGADLA CLINIC AND MALUTI CHC IN ALFRED NZO DISTRICT: SCMU5AN26/27-0009								
Hazard & Risk Identification				Raw Risk Evaluation			Risk Control Measures & Residual Risk Rating					
1a.	1b	1c	1d.	2a.	2b.	2c.	3a.	3b	3c	3d	3e	3f
S/N	Work activity	Hazard	Consequential Risk / Possible Accident / Ill health to persons, fire or property loss	Severity	Likelihood	RPN*	Risk Control Measures	Severity	Likelihood	RPN*	Responsible Party/ Person	Remarks/ flags
SITE SPECIFIC RISK ASSESSMENT												
1	Notification to DOL: Permit or Notification	Principal Contractor not submitting the required documentation 7 days before planned work commencement. Plan not to specification and baseline HIRA: Client information delays Repeated assessments delaying approvals	Project delays, lost costs.	4	4	16	Principal Contractor to begin with document preparation immediately after formal appointment and ensure completed notice to DOL in the SHE File. PC to use the Client specification for plan format and content. Focus on project scope and risks.	2	2	4	N/A	Manage: CHSA applies
2	Site clearance	Application and approval for site clearance	The lack of proper site clearance may lead to snake and insect bites, and the plant is operating without certified trained personnel.	5	4	20	All sensitive and high-risk activities to be identified prior and method statements approved as per requirement of the site clearance.	2	2	4	8.1 & 8.5	To be monitored
	Operations planning for any related infrastructure work and installations on Site.	operations not done in advance according to approved Project requirements.	Delays in obtaining site clearance, receiving wayleave on time, and improper fencing installation according to the drawings could impact security	5	4	20	operations should be planned and agree with contractor/s at an early stage as possible during the project	2	2	4	8.1 & 8.5	To be monitored
3	Site establishment	Falling loads due to equipment failure or improper rigging. Overloading of lifting equipment. Struck-by hazards (swinging loads hitting workers or structures). Collapse of lifting equipment due to poor ground conditions or instability. Poor communication between signaller and operator.	Defective or poorly maintained lifting equipment - may result in falling loads. Improper rigging or use of unsuitable lifting gear - may cause loads to slip or fall. Exceeding safe working load (SWL) limits - may overload equipment and cause failure. Unstable or unsuitable ground conditions - may lead to equipment tipping or collapse. Inadequate communication/signalling between operator and signaller - may cause uncontrolled load movement and struck-by incidents. Swinging or unbalanced loads - may hit workers, structures, or equipment. Unauthorized or untrained personnel operating lifting equipment - increases risk of accidents. Working near overhead powerlines or structures - risk of electrocution or collision.	5	4	20	SHEQ Management System and Program, external and internal risks assessments, inspections and audits, suitable and qualified supervisors/workers, fall protection plan and emergency actions, medical surveillance and periodic monitoring, maintenance schedules, inspection/recording and corrective action plan and follow up, training requirement assessments, weather condition monitoring, etc.	2	2	4	8.1 & 8.6	To be monitored
		Collapse of site offices, containers, or storage stacks. Fire hazards from improper storage of flammable/chemical materials. Tripping hazards from poorly organized laydown areas.	Collapse of site offices, containers, or storage stacks Serious injuries or fatalities from crushing, Damage to materials, tools, and important project documents. Fire hazards from improper storage of flammable/chemical materials Severe burns or fatalities, Destruction of site offices, equipment, and stored materials, Environmental contamination from chemical spills. Tripping hazards from poorly organized laydown areas Minor to severe injuries (sprains, fractures, head injuries), Reduced productivity due to accidents and unsafe movement on site, Possible compensation claims and medical costs.	5	4	20	It is essential to ensure that all structures are placed on stable, level ground, properly secured, and regularly inspected to prevent crushing injuries, damage to materials, and work stoppages. Fire hazards from improper storage of flammable or chemical materials can be controlled by storing such substances in designated, well-ventilated areas away from ignition sources, using approved containers, maintaining firefighting equipment nearby, and training personnel in safe handling and emergency response to prevent burns, fatalities, destruction of property, environmental contamination, and legal or reputational consequences. Tripping hazards in poorly organized laydown areas can be minimized by maintaining clear, well-lit walkways, keeping materials neatly arranged and off the ground, conducting regular housekeeping inspections, and ensuring employees are trained in safe movement and material handling to reduce the risk of injuries, productivity losses, and potential compensation claims.	2	2	4	8.1 & 8.6	To be monitored

ANNEXURE D

Hazard & Risk Identification				Raw Risk Evaluation			Risk Control Measures & Residual Risk Rating					
1a.	1b.	1c.	1d.	2a.	2b.	2c.	3a.	3b.	3c.	3d.	3e.	3f.
	Site establishment	Excavation collapse during trenching or foundations. Striking underground services (water, gas, electrical, sewer). Uneven or unstable ground causing equipment rollover.	Excavation collapse during trenching or foundations Burial or crushing of workers leading to serious injury or fatalities. Damage to adjacent structures, utilities, or nearby property. Project delays and costly recovery operations. Striking underground services (water, gas, electrical, sewer) Electrocution or explosions (gas/electric lines). Flooding, contamination, or environmental damage (water/sewer lines). Major service disruptions affecting the public. Legal penalties, compensation claims, and reputational harm. Uneven or unstable ground causing equipment rollover Operator injury or fatality. Crushing hazards to nearby workers. Severe damage to plant and equipment. Delays and increased project costs due to recovery and repair	5	4	20	To control the risks associated with excavation work during trenching or foundation activities, it is essential to implement comprehensive safety measures. Excavation collapse can be mitigated by ensuring proper shoring, benching, or sloping of trench sides according to engineering standards, maintaining stable ground conditions, and conducting regular inspections, which helps prevent burial or crushing of workers, damage to nearby structures, and costly project delays. Striking underground services can be avoided through accurate site surveys, use of utility plans, and safe digging practices, reducing the risk of electrocution, explosions, flooding, environmental contamination, service disruptions, and legal or reputational consequences. Uneven or unstable ground hazards for equipment can be managed by verifying ground stability before operation, using appropriate machinery for site conditions, and training operators on safe handling techniques, thereby minimizing the risk of equipment rollover, operator or worker injuries, equipment damage, and associated project delays or increased costs.	2	2	4	8.1 & 8.6	To be monitored
		Electrocution from temporary electrical supply. Water contamination or leaks from temporary plumbing. Fire/explosion hazards from temporary fuel storage.	Electrocution from temporary electrical supply Severe injury or fatality from electric shock. Fire outbreak due to short circuits. Work stoppages and investigation delays. Water contamination or leaks from temporary plumbing Health risks to workers from unsafe drinking water. Flooding of site areas, damaging equipment and materials. Environmental damage and regulatory non-compliance. Fire/explosion hazards from temporary fuel storage Serious burns or fatalities. Destruction of site infrastructure, offices, and equipment. Environmental pollution from fuel spills. Legal liability, penalties, and reputational harm.	5	4	20	To control the risks associated with temporary site services, strict safety measures must be implemented. Electrocution hazards from temporary electrical supplies can be mitigated by ensuring all installations are performed by qualified personnel, using properly rated equipment, regularly inspecting for faults, and providing clear labelling and isolation of live circuits, thereby preventing electric shocks, fire outbreaks, and work stoppages. Risks from temporary plumbing, such as water contamination or leaks, can be managed by installing safe drinking water systems, regularly testing water quality, and ensuring proper drainage to avoid flooding, equipment damage, and environmental non-compliance. Fire and explosion hazards from temporary fuel storage can be reduced by storing fuels in approved containers, maintaining safe distances from ignition sources, implementing spill containment measures, and training workers in emergency response, which helps prevent serious injuries, destruction of property, environmental pollution, and legal or reputational consequences.	2	2	4	8.1 & 8.6	To be monitored
4	Entrance to Site	Site Establishment on site at open area of clinic. Obstruction for Emergency Services, Delivery vehicles etc.	Obstruction of Emergency Services. Obstruction of vehicles entering clinic	4	3	12	Site camp to be clearly demarcated considering project requirements. Laydown areas to be sufficient in size and controlled. Laisse with Client and plan. Do not allow demolition of rubble, deliveries to crowd access or build up. Ensure site camp is approved by PA	2	3	6	8.1	To be monitored

ANNEXURE D

Hazard & Risk Identification				Raw Risk Evaluation			Risk Control Measures & Residual Risk Rating					
1a.	1b.	1c.	1d.	2a.	2b.	2c.	3a.	3b.	3c.	3d.	3e.	3f.
S/N	Work activity	Hazard	Consequential Risk / Possible Accident / Ill health to persons, fire or property loss	Severity	Likelihood	RPN*	Risk Control Measures	Severity	Likelihood	RPN*	Responsible Party/ Person	Remarks/ flags
5	Night work	Reduced visibility, fatigue and decreased alertness, increased risk of crime or security breaches, Noise and Environmental restrictions, inadequate supervision	Increased Risk of Accidents and Injuries, Health Problems, Delayed Emergency Response and Medical Treatment.	5	4	20	Contractors are required to provide sufficient lighting, manage worker fatigue by scheduling appropriate rest breaks, and carry out comprehensive risk assessments. They must ensure qualified supervision, maintain effective communication, and supply suitable personal protective equipment such as reflective clothing. Emergency preparedness measures, including first aid provisions and clear response procedures, must be established. Additionally, all night work plans must be communicated to and approved by the client before the contractor may proceed with any night-time operations.	2	3	6	PSPs and the Contractor	To be monitored
6	Gaining access to site. OHSA 8.9.12.15.	Restricted access to sites where employees will be placed in an area where they have to crossroad through the traffic zone. (Parking and/or delivery areas) Work in an active hospital with emergency vehicle needs, Confined work areas: restricted storage of materials,	Injuries and illness, financial loss, loss of reputation, time, project	4	3	12	Proper layout of site by Construction Manager, taking into consideration all transport plant and material movements and storage on site. Construction Manager to check layout Drawing to compare with the requirements of the OHS Act and other relevant regulations. Strict control on decanting and phasing needs of the project.	2	3	6	8.1 & 8.5	Manage: Special focus on emergency needs
7	Induction/Training	Failure to induct workers and lack of training. Lack of correct and updated information/ awareness. Lack of Induction warnings of hazards in access to site. outbreaks not reported to PC	Workers not adhering to prescribed controls due to lack of awareness resulting in increased exposure.	5	4	20	Contractor to develop a comprehensive induction programme	2	2	4	8.1 & 8.6	To be monitored and implemented on an ongoing basis
8	Site security and safeguarding	Lack or absence of access control. Inadequate security controls. Loss of client documents and processes Fire Public Liabilities.	Theft and delays. Loss of contract, finance. Life. Covid 19 transmission	5	5	25	Security guards to be appointed to keep watch. No smoking in works areas, Police clearances, supervision, work scheduling. Symbolic safety signage. Covid warning for PC: Signage that states: DO NOT ENTER IF SYMPTOMATIC: TEST.	3	3	9	Principal Contractor	To be monitored and implemented on an ongoing basis
9	Working in multiple sites at the same time	Inadequate Supervision, poor communication, Duplicate use of Personnel, Non-Compliance with Sure specific safety requirements, fatigue, Logistical Challenges	delays in Emergency Response, increase likelihood of Accidents and injuries, in complete documentation and record keeping, legal and financial consequences	5	5	25	No more than two sites may operate concurrently to prevent operational issues and ensure effective oversight. Proper site-specific management from the contractor is essential, and strict compliance with safety and regulatory requirements must be maintained at all times.	3	3	9	The PSPs and the Contractor	To be monitored
10	Appointment of Subcontractors	Incompetent contractors	Person getting injured due to lack of safety knowledge	5	4	20	Appointing Competent Sub-Contractor. Ensure Letter of Good Standing is Valid with Commissioner. Ensure 37,2 Agreement is signed.	2	3	6	Principal Contractor	To be monitored and implemented on an ongoing basis

ANNEXURE D

Hazard & Risk Identification				Raw Risk Evaluation			Risk Control Measures & Residual Risk Rating					
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11	Selection of workers / staff for site.	Employees medically unfit and incorrectly	Accidents resulting in injuries and/or damage to property. Loss of finance, time, reputation, project.	3	5	15	Require all employees to undergo medical examinations before starting work on the site. These examinations will be conducted by an Occupational Practitioner based on the specific tasks assigned.	2	2	4	Principal contractor and the PSC	To be monitored and implemented on an ongoing basis
		Incompetent staff appointed on project.	Accidents due to incompetence result in serious injuries and/or damage to property. Decreased Productivity: Possible fatality. Loss of finance, time, reputation, project.	5	4	20	Develop a recruitment and selection process in place, including proper screening, verification of qualifications, and assessments to ensure that selected workers possess the required skills and competencies for the job					
		A person has no knowledge of health and safety.	Accidents resulting in injuries and/or damage to property, Legal liabilities under DOEL. Loss of finance, reputation, time, project.	5	3	15	All staff to be inducted for site before work commences. Contractors to ensure induction is project specific.					
12	Training of Employees	Incompetent person does not equip to do the work assigned for.	Delays in construction work. Damage of property. Injury of people.	5	5	25	Train all person as per duties and responsibilities.	2	3	6	Principal contractor	To be monitored and implemented on an ongoing basis
13	Communication and Documentation	Lack of Communication	Ineffective communication could lead to injuries, Loss, damage, Poor control, Lack of understanding	3	3	9	Ensure Communication Procedures are clear and communicated to all employees. Ensure all employees sign the POPI Act and get training on this to ensure communication and submission of documents is controlled. Ensure Clear communication with clinic around all procedures that effect Property, Emergency Vehicles, Delivery Vehicle etc.	2	2	4	Principal contractor	
14	Induction/Training	Failure to induct workers and lack of training. Lack of correct and updated information/ awareness. Lack of induction warnings of hazards in access to site. outbreaks not reported to PC.	Workers not adhering to prescribed controls due to lack of awareness resulting in increased exposure.	5	4	20	Contractor to develop a comprehensive induction programme	2	3	6	Principal contractor	
15	Storage of flammables GSR 4 & Cr25. PV	Unsafe storage of flammables. Mixing polymers, combustibles and flammables' public liability. Lack of securing empty and full PV. (Medical gases, LPG and Fire defensive cylinders)	Risk of fire, explosions resulting to burns to the body or even multiple fatalities. Fire spreading to adjacent structures. Loss of material and loss of hospital functionality. Serious damage to property. Loss of finance, reputation and project.	5	4	20	Flammable stores to be well ventilated and fitted with a roof to protect from direct exposure to sunlight. Access control to stores. Signage and warnings HCS Supervisor / Controller to be designated in writing. Induction of workers and visitors. No smoking. Safe storage of all PV. Safe transit of goods.	5	1	5	Principal Contractor	Proceed with care.

ANNEXURE D

Hazard & Risk Identification				Raw Risk Evaluation			Risk Control Measures & Residual Risk Rating					
1a.	1b	1c.	1d.	2a.	2b.	2c.	3a.	3b	3c	3d	3e	3f
S/N	Work activity	Hazard	Consequential Risk / Possible Accident / Ill health to persons, fire or property loss	Severity	Likelihood	RPN*	Risk Control Measures	Severity	Likelihood	RPN*	Responsible Party/ Person	Remarks/ flags
16	Electrical Installations Temporary electrical installations CR 24 and ER, EMR	Incompetent and/or unregistered electricians. Incorrect/unsafe installations. Damaged cables. Exposed wires. Failure to ensure lock-out and dead conditions on major electrical servers: Generator, UPS and E. Supply, Lack of lock out. Underground and overhead services. Lack of COC's. Lack of Hospital functionality. Not following latest drawings	Electrocution, fires. Serious damage to property. Serious injuries, possible fatalities. Loss of finance, reputation, project.	4	3	12	Installation to be done by a competent registered electrician or registered electrical contractor. Electrical Installations Inspector to be designated in writing and registered with DOL PC to ensure dead conditions prior to work activity and demolition. Lock out procedures as required. COCs and locking out were required. Phasing program to be followed strictly. follow the latest drawings.	4	1	4	Principal Contractor	Proceed with care. Additional control is advised. Temporary Electrical Installations Inspector to monitor and control.
17	Availability of basic facilities and emergency services / equipment. CR. 29, 30.	Not having the essential services readily available. Not having a plan. Not co-ordinating plan with hospital, not communicating plan, not doing exercises. Not taking care when unknown services may be present.	Worsening of first aid injuries. Detrimental health to employees. Spread of fires, disease and increased incident risk. Loss of finance, reputation, project	4	3	12	Plan, Provide and implement. Practice. Ensure that exercises are done to check that a plan is relevant and review emergency risk daily in DSTI's. ensure emergency plans are coordinated with Hospital emergency escape plans and that it is included in the induction. Ensure the alarm is audible.	3	2	6	Principal Contractor	Proceed with care.
18	Public safety OHSA 8.	Transmission of HBA Lack of safety hoarding and works controls. Lack of managing deliveries. Lack of access control. Lack of sticking to decanting and phasing plans. Lack of responsible.	Injuries to persons and / or the public. Public liability / court claims. Transmission of Virus, death. Loss of time, reputation and monies.	4	4	16	Induction of workers and visitors. Symbolic safety signs and notices. Work scheduling and traffic routes planned and controlled. HBA controls. Identity of company employees work for on overalls. Worker controls.	3	3	9	Principal Contractor	Proceed with care. Remedial actions to be taken at appropriate times.
19	Designation of laydown areas	Site is spread out, with inadequate space various materials will be stacked on top of each other causing unstable stacks. Lack of cleaning material and equipment, poor maintenance and control of areas; Lack of planning for delivery truck space and access. condition of internal roads. Impact on hospital functionality	Unstable stacks of materials may fall onto persons resulting in serious injuries / even fatality. Lack of finance, resources, reputation and project.	5	3	15	Site camp to be clearly demarcated considering project requirements. Laydown areas to be sufficient in size and controlled. Timber poles and/or other suitable base material to be available to stack materials on. Laydown areas to be of firm level ground. Laisse with Client and plan. Do not allow demolition rubble, deliveries to crowd access or build up, resulting on hospital functionality breakdown. Be careful of hospital clientele, age and needs.	5	2	10	Principal Contractor	Proceed with care. Remedial actions to be taken at appropriate times. Be aware of dynamic risk impacts and unforeseeable conditions.

ANNEXURE D

Hazard & Risk Identification				Raw Risk Evaluation			Risk Control Measures & Residual Risk Rating					
1a.	1b	1c	1d.	2a.	2b.	2c.	3a.	3b	3c	3d	3e	3f
S/N	Work activity	Hazard	Consequential Risk / Possible Accident / Ill health to persons, fire or property loss	Severity	Likelihood	RPN*	Risk Control Measures	Severity	Likelihood	RPN*	Responsible Party/ Person	Remarks/ flags
20	Condition of ablution facilities.	Illegal facilities: pit latrines. Unclean and unhygienic ablution facilities. Non-ventilated ablution facilities. Mosquitos and odour customer complaints.	Possible health problems due to propagation of germs. Help with A & C_ illness. Loss of time, money, reputation, project.	3	4	12	Toilets are to be well ventilated and kept clean and hygienic at all times. Water for washing of hands to be readily available. PC to discuss porta loo from registered supplier or building ablutions and connecting into structural sewer as arranged with PA, secure privacy of facilities.	1	2	2	Principal Contractor	
21	Poor waste management	Poor waste management on site. Poor housekeeping, Demolition waste builds up	Loss of life. Loss of material, time, finance, reputation. Public liability risks.	3	4	12	Good housekeeping and waste disposal are always in work areas and laydown areas. PC will have to ensure that demolition rubble is correctly timorously disposed of. + New building materials to be placed in work areas in a safe manner.	2	1	2	Principal Contractor	Require a waste disposal Method statement.
22	Selection of workers / staff for site. Statutory compliance relating to PC business and employment practices.	Employees are medically unfit and incorrectly placed for job categories. Vulnerable employees. Fear of reporting illness and incidents. Lack of Community input, unrest	Accidents resulting in injuries and/or damage to property. Loss of finance, time, reputation, project.	3	5	15	All employees have medical procedures done before commencing work on site, or soonest after appointment. Annexure 3 to be FIT FOR WORK, as per task. PC to prepare form for service providers. To be addressed in OHS plan. Employment of local labour to be done in accordance with issued specification relating to the matter. Ensure communication without victimization.	3	3	9	Principal Contractor	Clarity on medical monitoring be given in the SHE Plan.
		Incompetent staff appointed on project. Not registered with the relevant Council.	Accidents due to incompetence result in serious injuries and/or damage to property. Possible fatality. Loss of finance, time, reputation, project.	5	4	20	Skilled staff to have proof of competencies available. Appointed contractor to ensure all qualifications of staff are verified before appointment for project. Appointed personnel to be on site for project duration.	5	3	15	Principal Contractor	No OHS Plan approval without proof of appointed person's competency, registration and scope organogram appointments.
		Lack of adequate staffing for work Lack of Statutory compliance; COIDA, UIF and employee contracts. Lack of agreements on POPIA. SARS are not paid.	Accidents resulting in injuries and/or damage to property, Legal liabilities under DOL.Loss of finance, reputation, time, project.	5	3	15	All staff to be inducted for site before work commences. Contractor to ensure induction is project specific. Everyone coming into the site for the first time must be introduced to (Visitors). Staff to have COIDA, Contracts and UIF. Ensure training needs analysis is done and improve relevant competencies. POPIA.	3	1	3	Principal Contractor	POPIA to be addressed in SHE Plan.
23	Staff transportation	Vehicle Collisions, Poor Visibility, Unsafe Vehicle Operations, Uneven or poor road conditions, overcrowding, Transporting employees in the back of a vehicle along with materials	serious injuries of fatalities for crashes, risk of hitting unsee obstacles, Vehicle instability, tipping or loss of control	5	3	15	Contractors must use designated vehicles for transporting personnel, ensuring that no materials are transported alongside workers. All vehicles used must be roadworthy, regularly inspected, and equipped with seatbelts, which must be worn at all times.	2	3	6	Principal Contractor	Proper management
24	Contract Control: Phasing of work and control on site creep.	Not doing a works program, not including phasing and decanting into project program, delays in ordering materials, failure to resource works adequately, failure to do cost control: Project program aligned with time and expenditure, Unknown hazards not identified for early planning	loss of project, time, costs and reputation.	5	5	25	Adhere to contract. Plan and program. Update noting time and expenditure within program requirements. Do not allow site creep. Plan for phasing and decanting. Plan to get information immediately. Build what is on specifications and drawings and when in doubt check with relevant PSP. Do not wait until meetings for clarity. respect timelines.	3	3	9	Principal contractor	Stick to contract.

*RPN - Risk Prioritization Number

ANNEXURE D

Hazard & Risk Identification				Raw Risk Evaluation			Risk Control Measures & Residual Risk Rating					
1a.	1b	1c.	1d.	2a.	2b.	2c.	3a.	3b	3c	3d	3e	3f
S/N	Work activity	Hazard	Consequential Risk / Possible Accident / Ill health to persons, fire or property loss	Severity	Likelihood	RPN*	Risk Control Measures	Severity	Likelihood	RPN*	Responsible Party/ Person	Remarks/ flags
WORK SPECIFIC RISK ASSESSMENT												
1	Use of hand tools	Sub-standard and unsafe hand tools; Incorrect use. Lack of hygiene	Injury to parts of the body. Spread of disease	2	5	10	PPE, checks/inspection registers, control, training.	2	2	4	Principal Contractor	Monitor.
2	Use of portable power tools	Sub-standard electrical power tools and incorrect use thereof. Lack of hygiene. Tripping client operations. Noise and vibration	Spread of disease. Injury and loss	3	5	15	Control, checks, issue and inspection registers to be completed, Training, emergency action / plan. COC's for compliance. Purchase low noise equipment, and provide additional hoarding, sound suppression systems. Plan works not to impact on patients rest times.	3	3	9	Principal Contractor	Monitor.
3	Loading and Off-loading	Unsafe offloading of material and unsafe material stacks. Heavy objects and manual handling; Shortage of persons for task; Vehicle accidents, blocking emergency routs	Injury and loss of finance, reputation and contract.	3	4	12	Adequate number of workers for the task at hand; Proper training and induction on manual handling techniques; PPE and adequate supervision; Use designated area for offloading, stacking and storage of material. Keep escape routes clear.	3	3	9	Principal Contractor	Site layout plans should be used . Check delivery impacts.
4	Stacking and storage	Improper stacking and storage. Improper handling of fragile materials	Serious injuries and/or fatalities. Loss of material and equipment, loss of finance, time, reputation.	3	4	12	Good housekeeping, Competent Stacking & Storage Supervisor; Demarcated material laydown areas; Stacking and storage inspections;	3	3	9	Principal Contractor	Monitor.
5	Noise	Excessive noise generated by construction workers, plant, and machinery	Hearing Damage, Patient Disturbance, Communication Challenges. Negative Impact on clinic	5	5	20	Schedule noisy construction activities during periods of lower clinic activity or when patient disruption is minimized. Establish specific timeframes for particularly noisy tasks to reduce overall exposure. Establish clear communication protocols among construction workers and clinic staff to ensure coordination while minimizing unnecessary noise. Correct PPE	5	3	15	Principal Contractor	Monitor.
6	Dust Control	Stock piling of material airborne dust particles	Environmental risk, to employees, patients, staff, and visitors. Respiratory problems	5	5	20	Implement dust control measures, such as water spraying, dust suppressants, or chemical stabilizers, to minimize the generation and dispersion of dust. Covering materials or using enclosed storage can help control dust from construction materials. Provide correct PPE Plan the construction site layout to strategically position stockpiles and construction activities away from sensitive clinic areas.	3	3	9	Principal Contractor	Monitor.
7	Working in Elevated Areas / Heights CR. 10 and 16 GSR6. SANS 10085. All work is single story level. Ladder work and safe works platforms will be constructed	Unsafe / incorrect use of ladders / scaffolding; Poor erection of scaffolding; Non-Use of Recommended FAS; Lack of Edge Protection;	Falling from height resulting in serious injuries or fatality; Scaffolding collapse leading to multiple serious injuries or fatalities, damage to property and production loss.	5	4	20	Comprehensive fall protection plan developed by a competent fall protection plan developer must speak to scope of works; Competent scaffold erectors and inspectors; Proper erection and inspection of all scaffolding; Work at heights training and competency; Adequate supervision; No work over others. ensure level ground and use of scaffold boards	5	3	15	Principal Contractor	High priority remedial action.
		Falling objects. Ill employee. Weather: lightning, high winds and rain. Poor housekeeping. Poor control of loads. Wroten wood trusses and roof sheeting.	Objects falling on workers below, resulting in serious head injuries and Equipment/tools damage. Falls and slips, fall through.	5	4	20	Installation of nets and toe boards; Worker training and induction; Regular tool box talks; Identification of "no go areas" and putting up warning signage; Provision of hard hats and other PPE; DSTI's and control off loads	5	3	15	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.

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1a.	1b	1c.	1d.	2a.	2b.	2c.	3a.	3b	3c	3d	3e	3f
S/N	Work activity	Hazard	Consequential Risk / Possible Accident / Ill health to persons, fire or property loss	Severity	Likelihood	RPN*	Risk Control Measures	Severity	Likelihood	RPN*	Responsible Party/ Person	Remarks/ flags
8	Excavation Work Cr 13 GSR 7. Minor excavations by hand anticipated for the project: some trenching, stormwater work. Underground services are known for Electrical, but not sewer and water: act with extreme caution.	Use of heavy equipment on site to excavate; Incompetent operators; Poor visibility; Underground or overhead services	Collisions with other machines or workers resulting in serious injuries or fatality and property damage; Heavy machinery falling into excavations;	4	4	16	Appoint competent Excavations Supervisor; Fit and competent operators to be appointed for the job; Workers to wear high visibility clothing at all times; Worker training and induction; Regular safety talks; Workers to stay clear of heavy machinery; Dust control measures to be in place;	4	3	12	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
		Working beneath structures	Injuries due to unsafe use of picks and shovels; Collapse of excavations while there are workers inside leading serious injuries.	4	3	12	Workers keep a safe distance from each other when using picks and shovels; Induction and clear work instruction; Inspection of excavations at appropriate intervals; Adequate supervision;	4	2	8	Principal Contractor	Remedial action is required
		Open trenches / unprotected excavations. Soil conditions and depth and size of excavation location.	Physical injury due to falling into excavations	4	4	16	Open trenches and excavations must be kept to a minimum where possible; Monitoring and barricading of excavations with suitable protective material; Proper instruction and warning signage; Ensure care with services and plan accordingly.	3	3	9	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
9	Unknown hazards may be present during works.	People & vehicle / plant movement in close proximity to excavations. Serves is a serious hazard	Serious injuries or fatality; Asset Damage; Production Loss;	5	4	20	All excavations deeper than 1.5m shall be adequately shored and braced if not sloped; All excavation areas to be barricaded until backfill is complete; Daily Excavation inspections to be conducted before work commences by the appointed inspector (CR13(1)(a)); Checklists to be handed to safety officer for filing; Warning & prohibition signage to be installed at access to excavation. Restrict access to excavation area only to authorized persons & plant .	3	3	9	Principal Contractor	Unknown hazards may be present during works.
10	Existing Services	Not being aware of existing services (i.e. Electrical and data cables; water and sewer lines)	Damage to existing services; Power cuts, flooding and sewer spillages; Coming into contact with live electrical services may result into electrocution causing serious injuries or even fatality;	5	4	20	As-built drawings and drawings for existing services; Induction of workers and proper work instruction; Wearing of non-conductive gloves when exposing services by hand; Competent operators; Adequate supervision;	5	3	15	Principal Contractor	Working fully aware of risk.
11	Operating of Heavy Construction Vehicles and Mobile Plant on site: TLB may be used for demolition of stores, leveling and so on.	Failure to inspect vehicles and mobile plant; Faulty vehicles and plant; Lack of access and route planning	Equipment failure resulting in serious injuries or fatalities, asset damage and production Loss	5	4	20	Daily pre-use inspections by drivers and operators; Maintenance plans / schedules and implementation; Induction of workers and visitors; Plant to be equipped with warning devices (construction light, reverse hooter, flag, etc.)	4	2	8	Principal Contractor	Monitor.
		Incompetent and unfit operators; Not planned deliveries, no traffic controls	Vehicle and plant collisions resulting in serious damage to property and loss of production; Workers / visitors being bumped or run over by vehicles and plant resulting in serious injuries or even fatality;	5	3	15	Operator to be inducted & appointed in writing; Proof of medical fitness to be available; Proof of competency and licensing to be made available prior; High visibility clothing and alertness to the immediate surroundings; Site access is restricted with Nessie Knight needs. PLANNING.	2	3	6	Principal Contractor	Monitor.

ANNEXURE D

Hazard & Risk Identification				Raw Risk Evaluation			Risk Control Measures & Residual Risk Rating					
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12	Temporary Works CR. 12	Poor or no temporary works designs; Incompetent Erectors and / or Inspector; Poorly erected temporary works; incorrect supports. Removal of supports to quickly	Loss of life. Loss of material, time, finance, reputation. Public liability risks.	5	5	25	Competent appointed person/s to design, supervise, inspect and approve temporary works must be appointed; Temporary works designs to be made available; Training of temporary works erectors; Regular safety talks and adequate supervision; Inspection of temporary works as prescribed;	3	3	9	Principal Contractor	Monitor.
13	Demolition CR. 14	Lack of hoarding and access control. Noise, vibration and dust. Lack of competency. Lack of preventing collapse of structures. Flooding. Unplanned outage on hospital function. Asbestos or lead, Aspergillus, molds and funguses, bird droppings, people movement underneath works, structural collapse. Unknown hazards	Loss of life. Loss of material, time, finance, reputation. Public liability risks.	5	5	25	appt competent planner and controller. Inspect. Minimize risks. Manage waste timorously. Ensure structural integrity. also of adjacent structures. Isolation of services Have relevant approved demolition plan and sequence. Detailed structural engineers survey of structure. Inspections during demolition works which includes support structures and hoarding. Plan to minimize noise, vibration and dust. Employees informed, ventilation planned for, correct PPE. controlled access and egress. emergency readiness. Plan for AR and LR to be applied.	5	2	10	8.1 of PC	Structural areas must have Demolition plans and drawings.
14	Concrete Work - Delivery of concrete by supplier (Ready Mixed)	Ready-mix trucks may collide with other vehicles on site; access for plant delivery.	loss of life. Loss of material, time, finance, reputation. Public liability risks.	4	4	16	Ready mix to indicate prior to entering the site and be guided/directed to the off-loading zone, ensure min speed limit clear access route of other site vehicles as well as workers;	4	3	12	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
	Concrete Work - Delivery of concrete by chute to job	Manual handling of chute; Uneven terrain / obstacles on ground may cause slips/ trips/ falls; Restraint on access	Injuries to workers : hands, body, head etc. Damage to structures.	4	4	16	Training in correct handling methods / provision of gloves; Ground to be free of obstacles; Supervisor to ensure correct / specified Gloves are worn (PVC);	4	3	12	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
	Concrete Work (Cont.) - Delivery of concrete at height over 1.5m	Fall from height;	Serious injuries or fatality;	5	4	20	Provision of working platforms with access ladders and handrails; Supervisor to monitor and take control;	5	3	15	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
	Concrete Work - General (Placing concrete from bucket hoisted by crane)	Concrete bucket hitting the worker; Opening and closing of bucket; Environmental damage	Injury to workers, time lost, and possible fatal incidents. Environmental pollution.	5	4	20	Only the Banksman / Spotter responsible for directing the crane during loading and discharging, workers to be advised to stand clear of the path of the bucket; Supervisor to ensure clear visual communication at all times; Ensure bucket is properly closed after each placing, use correct PPE issued on the "PPE Schedule"	5	3	15	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
15	Minor batching	No board, wrong mixers, organic contamination, water waste, sludge run off, no use of PPE	dermatitis, minor injuries, eye loss, loss of finance, time, material, reputation and project.	4	4	20	Plam batching area, use engineers specifications and mix design, build water run off buffer, mix on mixing platform to avoid organic matter contamination. Do quality control, Provide training and PPE. Ergonomic hazards to be addressed.	3	3	9	Principal Contractor	Monitor.
16	Concrete Work - General (Vibrating concrete)	Concrete splash from vibrating, operating the poker; Noise	Injury to workers, possible serious injuries; Health impacts: Noise, vibration and dermatitis	4	5	20	Use correct PPE issued on the "PPE Schedule" ; Operator self check for PPE; Supervisor to ensure and control.	4	3	12	Principal Contractor	Monitor

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17	Brick Work: Replacement of broken or crumbling bricks, new building	Mixing of mortar - Faulty hand tools;	Injury to workers	3	5	15	Use of correct PPE, tools in good condition; Supervisor to monitor; Regular tool box talks;	3	3	9	Principal Contractor	Monitor.
		Stacking or Placing bricks at work - Bricks falling over, brick could cut skin	Injury to parts of the body. Ergonomic hazards	3	5	15	Proper and safe stacking of bricks; Use of correct PPE; Regular toolbox talks Adequate supervision;	3	3	9	Principal Contractor	Monitor.
		Supplying mortar to bricklayer; Brickwork's to walls - faulty hand tool, poor standard of scaffolding or trestles	Injury to parts of the body	3	5	15	Use of correct PPE; Good standard of scaffolding/ trestles, tools in good condition;	3	3	9	Principal Contractor	Monitor.
		Placing window, door frames, and lintels - Falling frames and lintels;	Injury to workers, possible serious injuries;	4	4	16	Checks to be done to confirm that windows and door frames are well stayed; Use of correct PPE; Supervisor to monitor and control;	4	3	12	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
18	Mechanical	Failure to plan and resource competent service providers; lack of lock out facilitation, Loads and specialized equipment needs, failure to follow specs and drawings, failure to teach stakeholders on equipment and provide required manuals. Failure to secure PV. Failure to identify services: Current and color coding new services to SANS standards.	Loss of life and injuries. Loss of material, time, finance, reputation. Public liability risks.	5	4	20	Appoint competent PC. Follow specifications and latest drawings. If in doubt: refer to Project management before commencing works. Follow decanting plan. Use drip trays, fire hydrant, lock out according to task HIRA and DSTI. Secure PV. Update manuals and plan for training during works and before site hand over to end-users.	3	3	9	Principal contractor	Monitor.
19	Fire Equipment	Incorrect or no fire equipment , Faulty Fire Equipment	Risks to life, property, and the overall safety of the environment	5	5	25	Ensure correct Fire Equipment is Identified for emergency Procedures. Appoint and train designated personnel who are competent to handle emergency situations. Check Equipment Regularly	3	3	9	Principal Contractor	Monitor and ensure planning
21	Ergonomics	Strain Injuries: Prolonged overhead work during ceiling installation can lead to muscle strain and fatigue in the shoulders, arms, and back. Repeated motions such as lifting, reaching, and bending while installing	Muscle Strain, Nerve damage, Back Strain. Repetitive motion injuries like tendonitis and carpal tunnel syndrome. Bending and	5	5	25	Appoint a competent person in writing to do an ergonomic risk assessment and procedures. Rotate employees doing repetitive work as well as those working with vibrating equipment. Encourage exercise culture. Providing ergonomic training to workers on proper lifting techniques, posture, and use of ergonomic tools. Using mechanical aids such as hoists or dollies to assist with lifting heavy	2	3	6	8.1 and 8.5	Monitor and ensure planning

ANNEXURE D

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S/N	Work activity	Hazard	Consequential Risk / Possible Accident / Ill health to persons, fire or property loss	Severity	Likelihood	RPN*	Risk Control Measures	Severity	Likelihood	RPN*	Responsible Party/ Person	Remarks/ flags
22	Painting	Exposure to volatile organic compounds (VOCs) in paints, solvents, and other chemicals. Potential for inhalation of toxic fumes or skin contact.	Respiratory problems, skin irritation, or more severe health issues. Long-term exposure may lead to chronic conditions or cancer.	4	4	16	Use paints and solvents with low VOC content. Ensure proper ventilation in the area where painting is conducted. Provide and enforce the use of personal protective equipment (PPE), including respirators and gloves. Educate workers about safe handling procedures and emergency response. Provide comprehensive training on the hazards associated with painting and safe practices. Ensure adequate supervision to enforce safety procedures and correct unsafe behaviors.	2	3	6	Principal contractor	Proper management
		Handling heavy cans or containers of paint. Use of brushes, rollers, or sprayers which could cause strain or injury.	Strains, sprains, or other musculoskeletal injuries. Cuts or abrasions from equipment.	4	4	16	Provide training on proper lifting techniques and ergonomics. Use equipment designed to reduce physical strain. Ensure that tools are in good condition and appropriate for the job.	2	3	6	Principal contractor	Proper management
23	Incident Reporting	Potential overlooking or underreporting incidents, accidents, or near misses. Failure to report incidents	Unaddressed Safety Issues due to lack of report. Repetition of incidents. Legal and Compliance Consequences:	3	5	15	Develop incident procedures. Communicate to all employees. Promote Reporting Culture Competent person appointed to ensure streamline incident investigation.	2	2	4	Principal contractor	Proper management
24	Distribution of PPE	Potential errors or oversights in the distribution process. This can include incorrect selection, sizing, or distribution of PPE. Employees not wearing PPE. Employees not maintaining PPE	Inadequate Protection, Non-Compliance with Regulations. Increased Injury or Health Risks	5	5	25	Ensure PPE is Free To all employee and are distributed due to Task and Risk involve. Ensure Quality Control Checks. Training Employees on Maintaining PPE and how to use PPE.	3	3	9	Principal contractor	Proper management

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25	Safety Signage	Ineffective communication or misunderstanding due to poorly designed, unclear, or misleading signs.	Injury to persons, Damage to Property, Financial Loss.	5	5	25	Ensure that safety signs convey information in a clear and concise manner. Place safety signs in prominent locations where they can be easily seen by individuals approaching the area. Implement a routine inspection and maintenance schedule to ensure that safety signs remain in good condition. Ensure that safety signs comply with relevant safety regulations and standards.	3	3	9	Principal contractor	Proper management
26	Communication and Documentation	Lack of Communication	Ineffective communication could lead to injuries, Loss, damage, Poor control, Lack of understanding	3	3	9	Ensure Communication Procedures are clear and communicated to all employees. Ensure all employee sign POPI Act and get training on this to ensure communication and submission of documents is controlled. Ensure Clear communication with clinic around all procedures that effect Property, Emergency Vehicles, Delivery Vehicle etc.	2	2	4	Principal contractor	Proper management
27	Emergency planning and response, as required by the Construction Regulations (CR), requires emergency planning for high risk work. Includes ensuring that emergency vehicles are not obstructed and interruption of services	Obstructed Emergency Access, Delayed Emergency Response, Interruption of Critical Services, Uncontrolled High-Risk Activities, Lack of Emergency Resources, poor communication During Emergencies,	Loss of life. Loss of material, time, finance, reputation. Public liability risks.	5	5	25	Plan for when things go wrong: Appoint emergency coordinator, display route plan to assembly areas. Ensure access to these areas. Have emergency and relevant role players contact numbers. Build relationships with Police and relevant service providers. Plan for project continuity. Plan to prevent incidence. Have Incident procedures.	5	3	15	Principle Contractor.	Implement controls
28	Contractor Management	Unapproved contractors on site. No COIDA. Lack of competent oversight by PC.	Legal non-compliance; Risk to Client and project; Stoppages due to non-compliance; Loss of finance, time, reputation	5	4	20	Appoint a competent PC and sub contractors. Ensure phasing plans are carried out to PM criteria. Do a clear works program and update. Involve 8.5 at Section 8 meetings.	5	3	15	Principal Contractor	Monitor and ensure planning
29	POPIA	Not getting and giving information on personal data management	Legal non-compliance; Risk to Client and project; Stoppages due to non-compliance;	5	5	25	POPIA Policy Statement, Record keeping and employee signatures obtained prior to medical testing. Make this part of the contract.	3	2	6	Principal Contractor	Implement controls

*RPN - Risk Prioritization Number

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HBA level 3 GENERIC RISK ASSESSMENT.												
1	Preparation for works commencement on site	Access control not done, employees not aware and informed	Failure to comply with legal requirements resulting in work stoppage, increased infection rates, and possibly legal action against the PC.	5	3	15	Access signage: Do not enter if symptomatic. Update Covid policy and protocols, Educate and inform.	5	1	5	Principal Contractor	Stay updated.
2	Site Preparation	Failure to plan and resource; asymptomatic person not wearing a mask when knowingly +. Symptomatic person not isolating and testing.	Public liability, legal risk. Spread of disease	4	3	12	Update plan to current legislative requirements, inform, Signage to warn, Encourage awareness and knowledge, provide PPE, hygiene and sanitation goods.	3	3	9	Principal Contractor	Monitor
3	Induction/Training	Failure to induct workers and lack of training; Lack of correct and updated information/ awareness. Lack of Induction warnings of hazards in access to site.	Workers not adhering to prescribed controls due to lack of awareness resulting in increased exposure.	5	4	20	Copies of all the updated and relevant regulations and guidelines to be readily available on site and communicated to workers; Information / Awareness posters to be conspicuously displayed at strategic positions on site; Toolbox talks / DSTIs addressing COVID 19 related risks. Induction must address needs, access and traffic risks.	3	3	9	Principal Contractor	Monitor and implement.
4	Demographics of labour	Vulnerability due to age, underlying auto-immune or chronic disease/s. Transporting incorrectly	Health complications of vulnerable groups once infected with the virus; Possible death. Loss of reputation, time, finance, project	5	4	20	List of vulnerable employees to be maintained; ; Induction, DSTIs and toolbox talks to be done daily on topics relating to Covid-19, personal hygiene and PPE. Strict enforcement for use of PPE; FIT FOR WORK CERTIFICATES Staff in exposed age groups and compromised health conditions to be considered high risk and managed appropriately. Also address HIV, TB, Heb A,B,C	4	3	12	Principal Contractor	Stay informed
5	Origin of labour	Use of public transport to get to work and to move between towns and cities, districts, municipalities and rural villages; Workers who may have come into close contact with suspected HBAs	Non-use of cloth or respiratory masks / face shields by public transport commuters; Employees / workers could be possibly exposed and get infected resulting in spreading of the virus during movement.	3	4	12	Advise folk traveling on public transport on hygiene, ventilation, travel time and potential risks they should be aware off. Encourage cough protocols.	2	3	6	Principal Contractor	Monitor
6	Personal hygiene and accountability	Not reporting status. Poor personal hygiene and improper cough / sneezing etiquette. Spread of Covid 19 and other HBA's.Lack of correct masks use.	Increased risk of spreading the virus amongst co-workers and contaminating surfaces and/or tools. Touching of surfaces, tools and items that may have been contaminated;	5	3	15	Workers to be trained on proper personal hygiene and reporting protocols, which training must include the following: -Report - Frequently clean hands by using provided alcohol-based hand rub or soap with water. - Covering of mouth and nose with a flexed elbow when coughing / sneezing - Maintaining safe social distancing by avoiding close contact with anyone that has fever and cough	3	2	6	Principal Contractor	monitor
7	Soap and paper towels	Lack of adequate stock of to maintain facility hygiene	Poor implementation of hygiene protocols due to lack of resources resulting in increased risk of exposure and cross-infection;	4	4	16	Principal Contractor to ensure availability of stock at all times on site; It is recommended that adequate quantities of stock that should last for at least one month be procured and weekly as per the demand on site;	4	3	12	Principal Contractor	Facilities Regulations and Environmental Regulations apply.
8	Alcohol and substance abuse	Workers, visitors arriving at site under the influence of substances; Use of Breathalyzer for alcohol testing;	Intoxicated workers and/or visitors not complying with procedures laid down to prevent the spread of the virus; Cross infection due to use of shared breathalyzers;	5	4	20	Policy and method statement for substance abuse to be reviewed, management of visitors and workers under the influence of alcohol or other substances. Use of disposable individual testing units and appropriate disposal in hazardous waste bins.	5	3	15	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.

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9	HBA Risk awareness: Awareness Signage / Posters	Lack of awareness signage and posters if positive or symptomatic	Workers not adhering to prescribed controls due to lack of awareness resulting in increased exposure.	5	3	15	A policy and method statement to be prepared. Display of posters and signage with the site rules and protocols that needs to be maintained at strategic points. DO NOT ENTER IF SYMPTOMATIC: TEST . illness protocols: IF sick, test, if +: Isolate for a minimum of 7days, or until symptoms go away. Competent supervision and adequate awareness training required. Discipline to be applied to those not complying.	3	2	6	Principal Contractor	Proceed with care. Remedial actions to be taken at appropriate times.
10	Access Control	Uncontrolled access points; Untrained access controller / security guard Poor maintenance of site security fence;	Unauthorized access to site resulting in increased risk of contamination of the workplace and cross infection; Access controller / security guard not following correct procedure; Workers, visitors, site administration arriving on site via personal and public transportation. Failure to display no entry protocol.	5	4	20	Policy and method statements. All persons entering site to sanitize hands, prior to entry to site. Periodic alcohol testing to continue however only when warranted through suspicion.	5	3	15	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
11	Welfare facilities	Inadequate space for maintaining social distancing; Failure to disinfect welfare facilities; Possible contaminated surfaces;	Inability to maintain social distancing resulting in possible cross contamination and increased risk of infection; Workers coming into close contact with contaminated surfaces resulting in virus infections;	5	4	20	Updating of policy, method statements and HIRA, limiting of personnel on site to minimum number required to maintain control and management. Implement and maintain cleaning and disinfecting programme. Site rules for social distancing to 1.5m. Stagger number of people attending induction and training sessions. Use technology to avoid close proximity between individuals where possible.	5	3	15	Principal Contractor	High priority remedial action. Implement additional (secondary) controls immediately.
12	Emergency planning and response	Not following correct procedure for dealing with COVID-19 suspected cases; Emergency Co-Ordinator not trained in COVID-19 emergency response procedure;	spread of disease. Injury and loss	4	3	12	Review emergency plan and method statements. DSTIs and toolbox talks. Competent supervision and emergency co-ordinator to be trained on emergency arrangements. Updating of the emergency plan and communicated to all personnel. Emergency Number List updated to include National Institute of Communicable Diseases (NICD) Emergency Hotline – 0800 029 999 and dedicated Isolation Hospital Details.	5	2	10	Principal Contractor	Proceed with care. Remedial actions to be taken at appropriate times.
13	First Aid	First Aid Attendant not trained in COVID-19 and proper procedure to be followed when rendering first aid; First Aid Attendant not provided with and not using suitable PPE. Lack of general competency and valid certification. No First aid box or signage,	disease spread	5	3	15	The designated First Aid Attendant must be made aware of the hazards and risks related to COVID-19; Suitable PPE for the First Aid Attendant must be readily available on site at all times (N-95, FFP1 / FFP2 masks, Goggles and Latex gloves); CCO to monitor and control; Competency and resources must be up to date. report and record cases.	5	2	10	Principal Contractor	General good health and good immune systems are the best defense against diseases.
14	Contractor Management	Non-compliant Contractors and lack of keeping updated.	Increased risk exposure due to lack of monitoring and enforcement resulting in the spread of the virus;	3	4	12	Update the site HIRA, OHS systems according to the current relevant Regulations and HBR.	2	3	6	Principal Contractor	Monitor